

October 18, 2024 File: PE6537-LET.01

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

Attention: Ms. Melissa Pettem

Ottawa, Ontario

Consulting Engineers

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

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

patersongroup.ca

Dear Ma'am,

Subject:

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.

Phase I - Environmental Site Assessment Update

Northern Part of 3610 Innes Road

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.

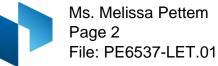
Records Review

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.

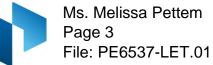
Soil samples were analyzed for BTEX, PHCs, PAHs and metals/inorganics. Exceedances of PHCs, PAHs were observed in various samples comparing to Table 3 RPI SCS. The soil matrix observed at test pits TP3 to TP24, advanced in various fill piles ranging from topsoil to silty clay. Moreover, composition of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

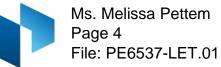
□ 'Phase II Environmental Site Assessment, 3610 Innes Road, Ottawa, Ontario', prepared by WSP, dated December 10, 2020.

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

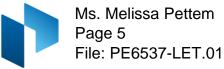
A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. A response from MECP was received on May 17, 2024. 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.

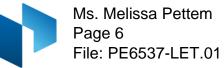
Technical Standards and Safety Authority (TSSA)

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

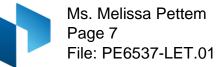
An ERIS (Environmental Risk Information Service) Report was obtained for Phase I Property and surrounding lands as part of the Phase I ESA Update. It should be noted that the ERIS report includes information that can normally be obtained through the MECP FOI, MECP well records search as well as several 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

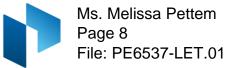
Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicate the Phase I Property is approximately 87 m above sea level and regional topography in the general area of the Phase I Property slopes 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

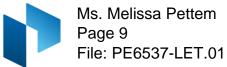
Ms. Melissa Pettem with Glenview Homes was interviewed as part of this Phase I ESA Update. Ms. Pettem stated that the property was formerly used to store commercial building supplies but has been vacant land since (at least) 2017 when Glenview Homes became the property owner. Ms. Pettem was not aware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



Ms. Melissa Pettem Page 10 File: PE6537-LET.01

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._{ESA}



Report Distribution:

Ms. Melissa Pettem

Paterson Group

Attachments:

- General 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



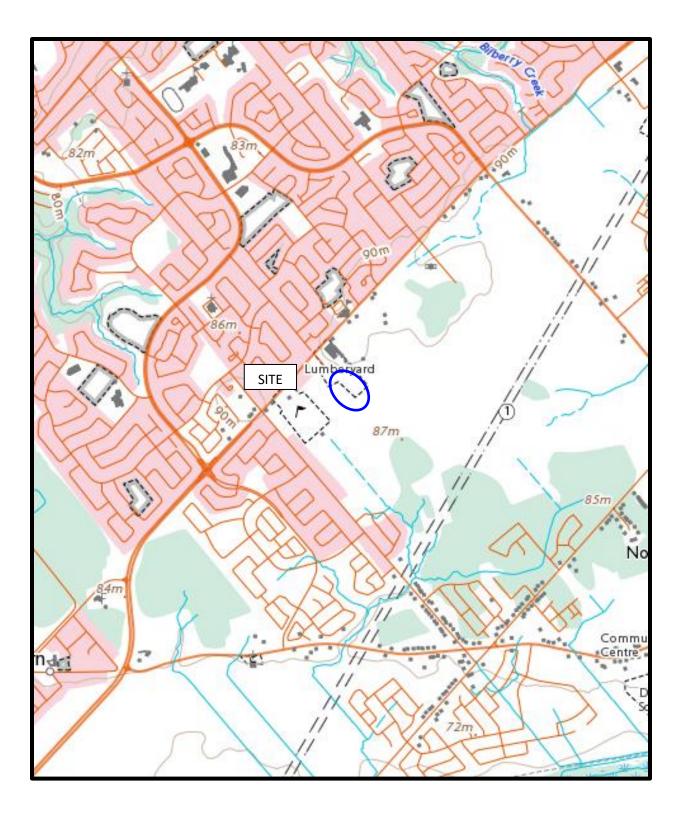


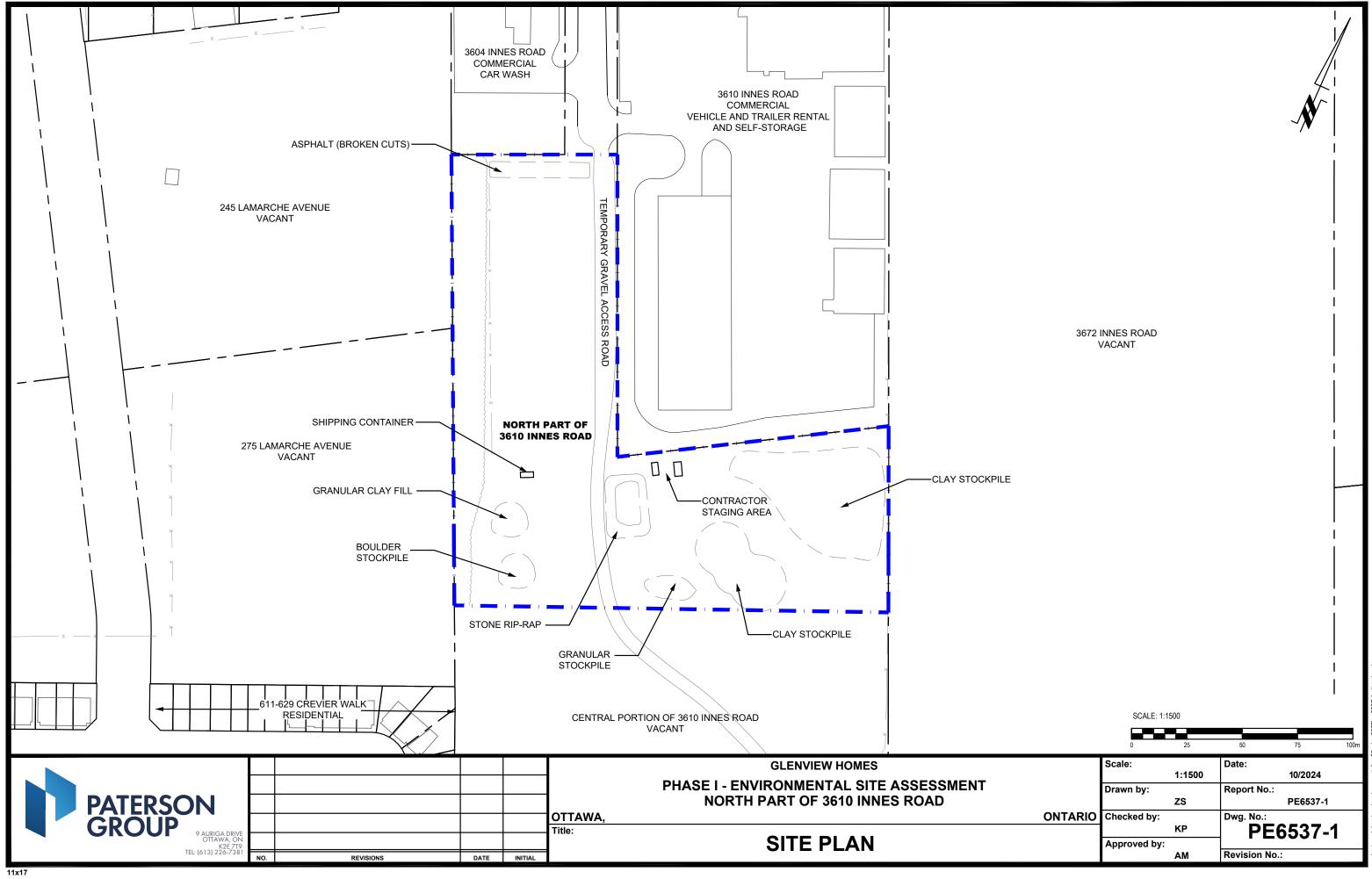
FIGURE 2 TOPOGRAPHIC MAP

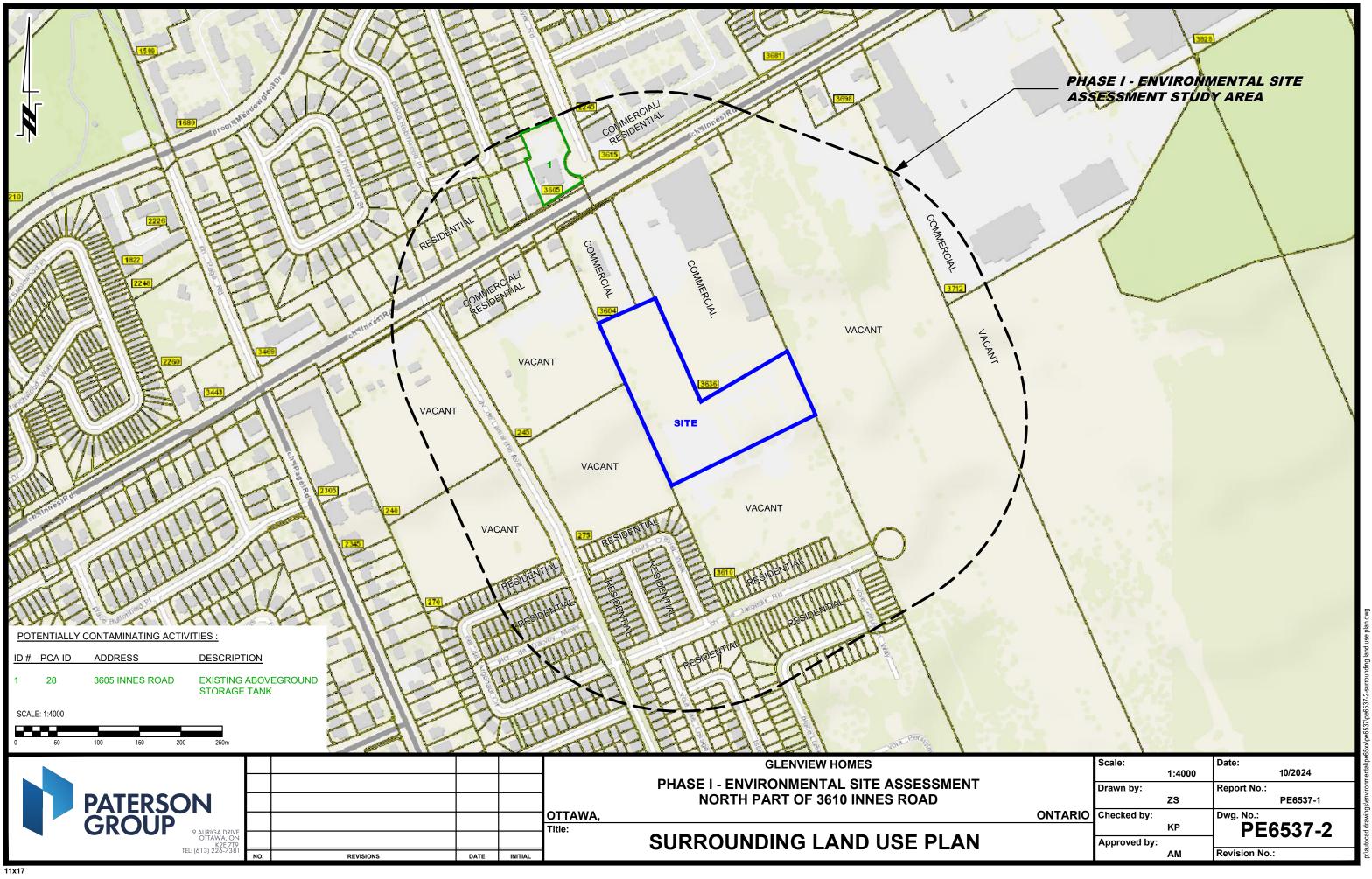




AERIAL PHOTOGRAPH 2022







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:

 We confirm the 	at there are <u>fue</u>	s record	<u>ds</u> in our databas	se at the subject a	address(es).		
Inventory Number	Address	💌 Cit	y 🛛 💌 Province	e 💌 Postal Code	💌 Reason Cod	le 💌 Asset Class / Inventory (Context 💌 Asset Type / Inventory Item
43536831	3605 INNES	RD OT	TAWA ON	K1C 1T1	Active	FS Fuel Oil Tank	ES EUEL 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

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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

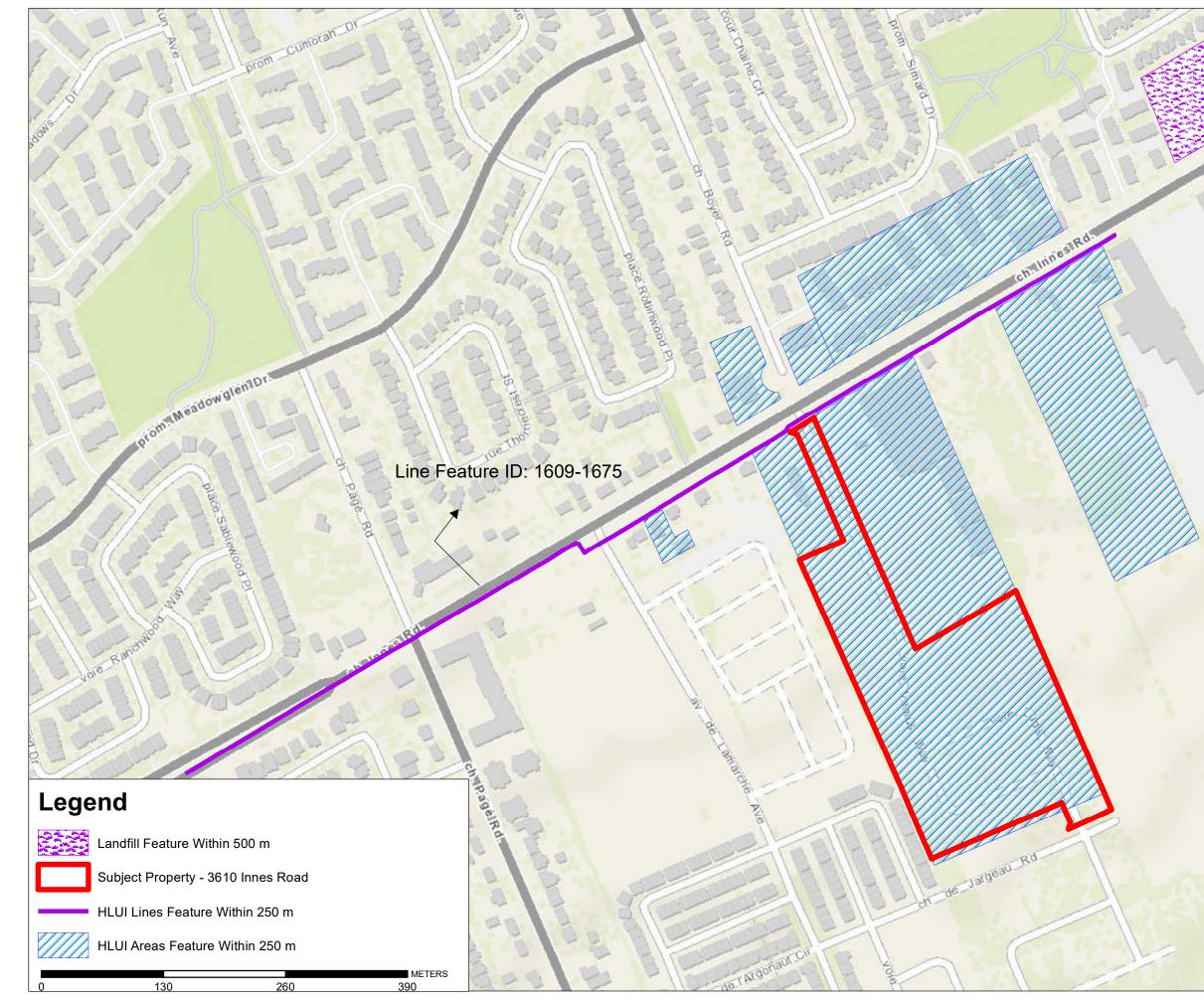
Student Planner Development Review Planning, Development and Building Services Department

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

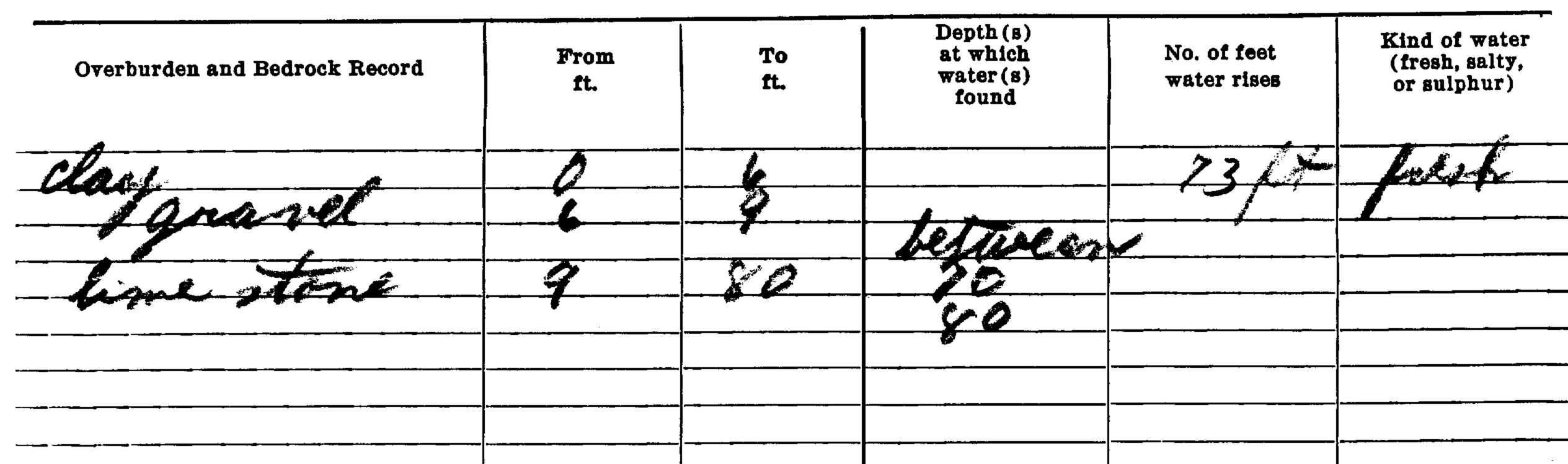
Con251 1 1	ER WE	rces Commi	ission Act, 1957 RECORE	RESUBICES COMM	RO HISSION
County or District		Dete comp	bleted	month	year)
Casing and Screen Record	ł			nping Test	
Inside diameter of casing		Test-pun Pumping Duration Water c Recomm	lear or cloudy at	3.5 12.5 48 Ho end of test CAR rate 3.5	G.P.M. <i>v. R.S</i> <i>A.R.</i> G.P.M.
Well Log			Wa	ter Record	1
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	0	18	70	50	FRESH
GREY LIMESTONE	18	142			
			142	/38	
			-	-	
				-	
				-	
For what purpose(s) is the water to be used CENTRAL PUMPING SYST Is well on upland, in valley, or on hillside Drilling Firm MOLOUGHNEY Address OTAWA Licence Number 247 Name of Driller EI MOLOUGHNEY Address /3 PINHEY ST Date June 30,60 U.M. M. J. June Markey (Signature of Licensed Drilling Contract	Б.М., 9		Locc In diagram below road and lot lin	e. Indicate nort	
		REC 60	S PLAN 734	(en si	2

·	the second se
TM 118 z 41519 101310 E	GROUND WATER BRANCH
$\frac{ 9 R 5 0 3 2 6 7 0 N}{Elev. 9 R 03 00 }$	ONTARIO ADGLO ONTARIO WATER RESOURCES COMMISSION
Basin $\begin{vmatrix} 2,5 \end{vmatrix}$ $\begin{vmatrix} 12,5 \end{vmatrix}$ I	Department of Mines
	-Well Kecord Township, Village, Town or City.
Con	Number (if in Village, Town or City) ddress
(day) (mont) Pipe and Casing Record	(year) Pumping Test

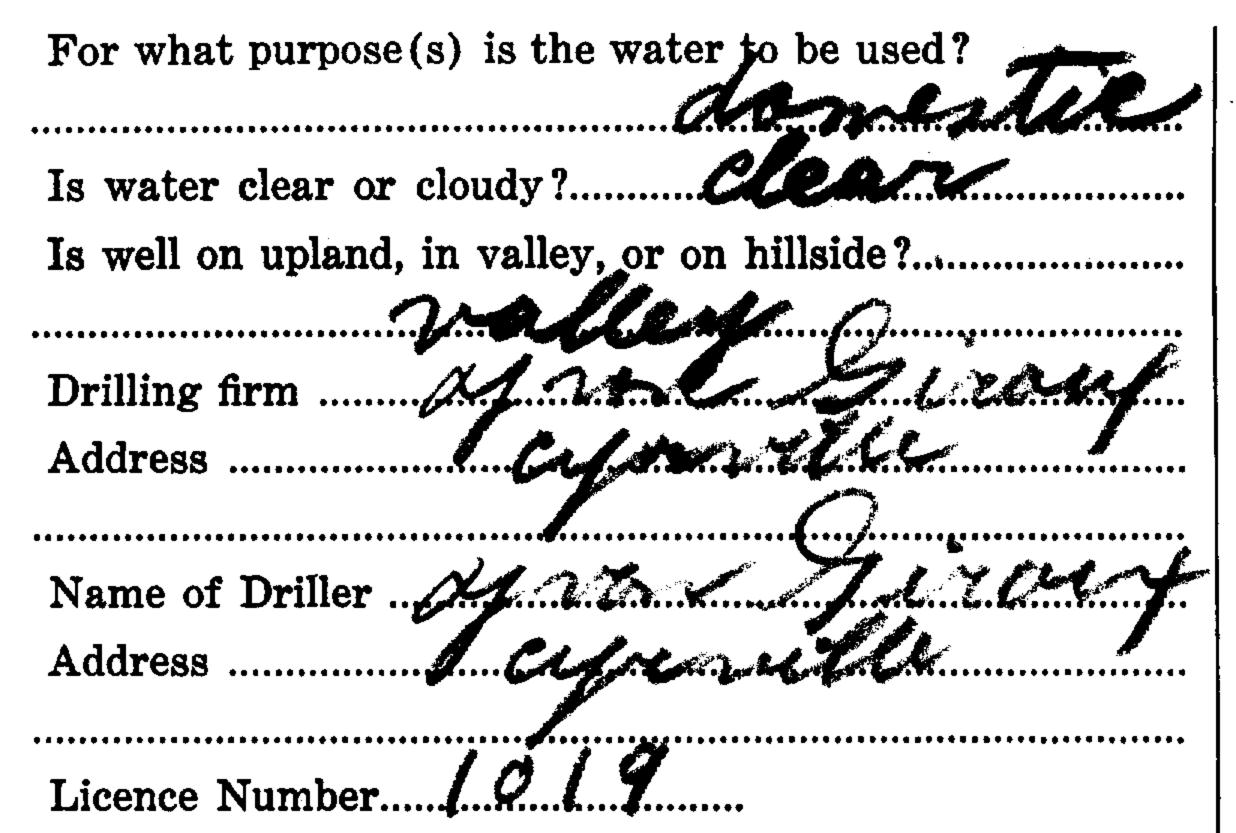
Casing diameter(s)	Static level
Type of screen Length of screen	Pumping level
Length of screen	Duration of test

Well Log

Water Record

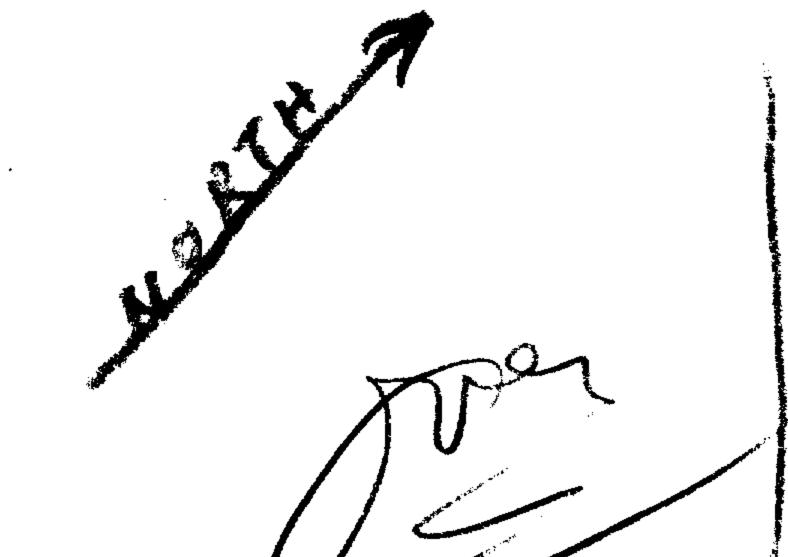


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		l			



Location of Well

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



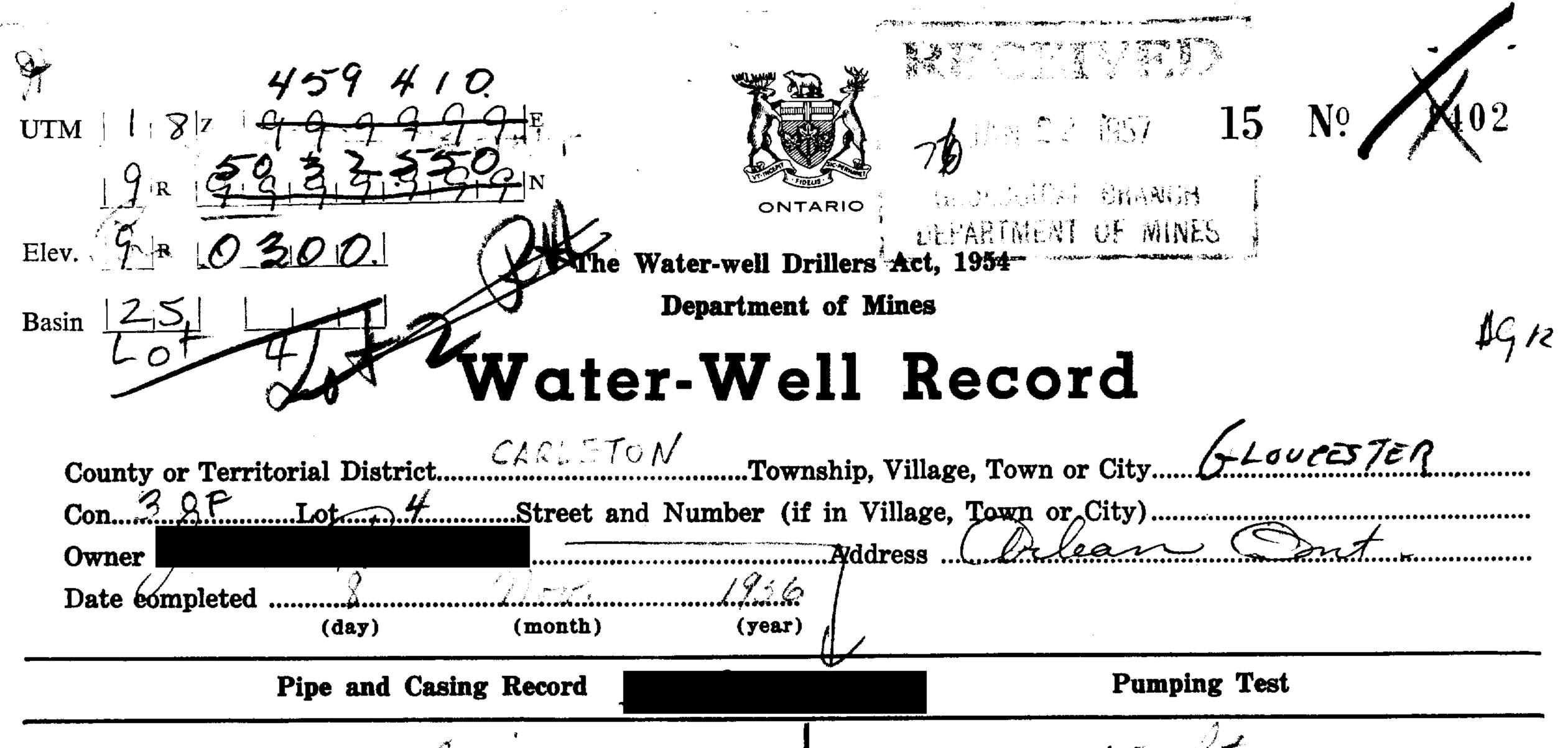
I certify that the foregoing Date. aug. 13 2/2010 Ji zour DLACKBURNE bit 5 Signature of Licensee 15 Mills 3 bit 5 statements of fact are true. Form 5 CSS.S8

1G5h 72 GROUND WATER BRANNO M 1 8 2 41590315 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>i_ 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 Rin Date .. 1 84.88 Form 5 15M-58-4149

4 ⁽					
JTM 18 2 41519101210 E			GSh GF	ROUND NOTER NO	No. 24 1 6
5 5032660			424	99 MAR - 3 1231	1 A 3
		C. THE		ONTADIO MASS	1
	io Water Reso	ources Commi	ssion Act, 1957 R	ESOURCES COM.	
Basin 25	FR WI	ELL R	ECORD		, -v-n¥()-rtineister
••					artigi
County or District Carleton	· · · · · · · · · · · · · · · · · · ·	Township, ` _	Village, Town or	City for the	1960
			leted 5	month	year)
		dress	(la		~(A
Casing and Screen Record			Pum	ping Test	
Inside diameter of casing		Static lev	vel	1	
Inside diameter of casing		Test-pun	pping rate g level a of test pumping	5	Gale G.P.M.
Type of screen		Pumping	g level	2011	
Length of screen		Duration	n of test pumping	, je	Pony
Depth to top of screen		Water cl	lear or cloudy at e	end of test	CALL CPM
Diameter of finished hole			pumping level of	5 15 D	
				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
		-			
		-			
		-			
		-			
		_			
					<u> </u>
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
Is well on upland, in valley, or on hillside			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 14 von	20 yr		5⁄	* //	
Address	214				Ø
	,			X	
Licence Number			4	¥7	S.
Name of Driller	Hirbury		\$ 04 mg	¢//	Ň
Address address	ant		third line		*/
Date match	•••••			I MAIS A	
	serf.	·····			
Generature of Licensed Drilling Contra	ctor)				
Form 5 15M-58-4149		I	N.,	- i , i	ŝ.

$\frac{3 c 5h}{29}$ $\frac{5 c 5 2 2 2 2 6}{29}$ $\frac{5 c 5 2 5 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 2 2 6}{29}$ $6 c 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2$	L REC	own or City (Jan	0 1227 STCT 1966
		Pumpin		
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 5'' Diameter of finished hole 5'' Well Log 0 Overburden and Bedrock Record 1 LimeStome 1	Pumping level Duration of test j Water clear or cl Recommended j	ate 8 20 pumping oudy at end of pumping rate	I HR f test CIOL 8 D feet belo	G.P.M.
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 $M^{\circ} L \in \mathcal{T} \cap W \otimes \mathcal{T} \subset \mathcal{T}$ $S \cup P \cap L \vee \mathcal{T} \cup \mathcal$		m below show	of Well v distances of we dicate north by	arrow.



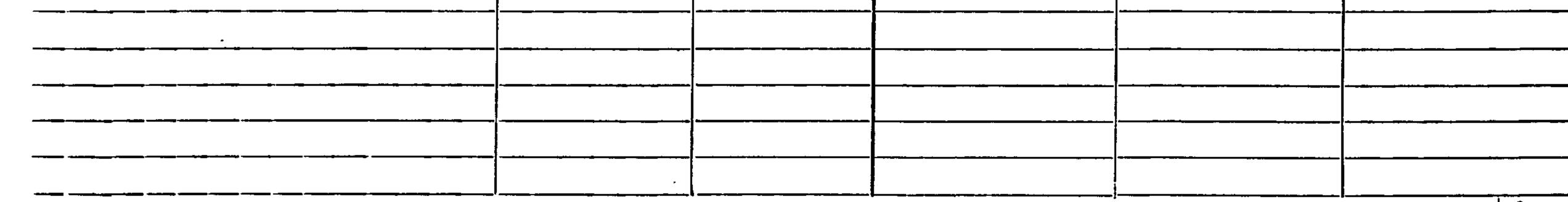
Casing diameter(s)	Static level
Length(s)	Pumping rate
Type of screen	
• •	
Length of screen	Duration of test

Well Log

Water Record

1912

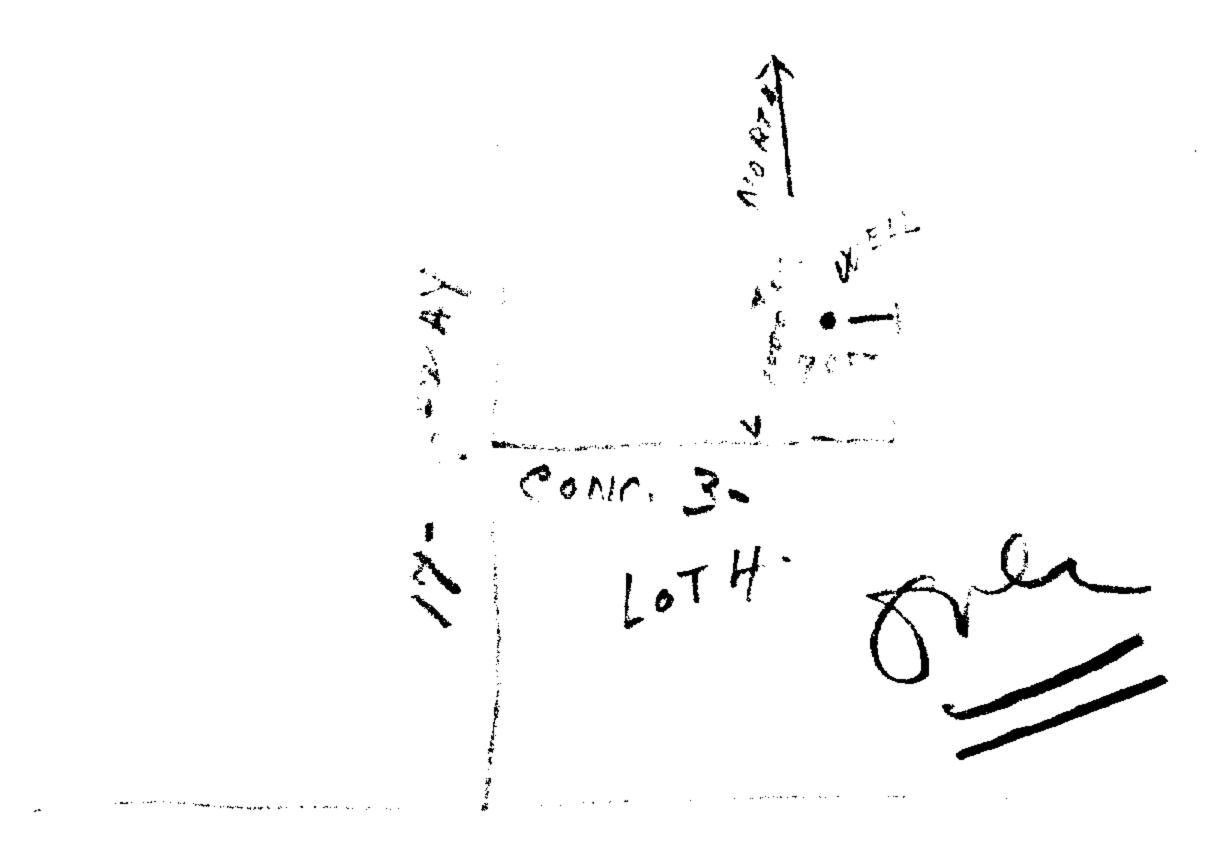
Overburden and Bedrock Record	From ft.	To ft. 105	Depth(s) at which water(s) found	No. of feet water rises 90	Kind of water (fresh, salty, or sulphur)
					4
······································			······································		
· _ · _ · · _ · · _ · · _ · · · _ · · _ · · · _ · · _ · _ · · · _ · _ · _ · · _ · · _ · _ · _ · _ · _ · _ · _ · _ · · · _ · _ · _ · · _ · _ · _ · _ · · _ · · _ · _ · _ ·		-		•	-
		-		·	



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.

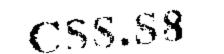


statements of fact are true.

Date 8 7

Signature of Licensee

Form 5



18 459210E 5 5,032720The Ontario Water Reso Elev. 41 19303 WATER WEL 125 1000000000000000000000000000000000000	L RECO	DRD	GROUND WATER SEP 12 ONTARIO W RESOURCES ON MEDURCES ON	1961
Casing and Screen Record		Pumpin		
Inside diameter of casing		te 6 2 oumping oudy at end o oumping rate	00 8 1 Hou	9.
Well Log				Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Grey Linestone		40	27'	Frich.
For what purpose (s) is the water to be used? House Is well on upland, in valley, or on hillside? Uplando Drilling or Boring Firm A. B. Duffrence Address Address Address Address Address Address Address Address Address Licence Number 1944 Name of Driller or Borer A. Low Address Address A	In diagra road and 2 MD PoH 3RD C O	m below show lot line. Ir	of Well w distances of we adicate north by	ll from arrow.

OWRC U Ų٢

SIGSH UN 18 Z 459090E 5032660 ^N The Ontario Water Reso Elev. 44 R 0303 WATER WEE Basin 25 County or District Carteton Con. 30 P Lot 4	LL REC	ORD own or City May 10th, (day # 1,, Orles	ONTARIO W RESOURCES COM Gloucester 1962 month	1962 ATER MISSION year)
Inside diameter of casing 2"	Statia lana	•		
	Static level		•	~
Total length of casing 81	Test-pumping ra			
Type of screen	Pumping level			
Length of screen	Duration of test p			
Depth to top of screen	Water clear or cle			
Diameter of finished hole 2"				G.P.M.
	with pump settin	g of	-1	w ground surface
Well Log				Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Top Soil Grey Limestone	0'	1' 32'	321	Frsh
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. 	road and		distances of well dicate north by	
Date May 10, 1962 Jeros Charles (Signature of Licensed Drilling or Boring Contractor) Form 7 15M Sets 60-5930 OWRC COPY		7		

UTM $\frac{18 z}{4 5 9 2 9 0 } = 3165^{\text{h}}$ 0 $\frac{5 R}{5 0 3 2 7 6 5 }$ The Ontario Water Res	sources C	29 ⁹ Commission	Act	15 N	TER BRANCH
Elev. 4 R 0 303 WATER WE					NON AN AN
Basin 25 County or District Carleton				Gloucester	and the second
County or District Carleton Con. <u>3</u> O.F. Lot <u>4</u>					
	lress.	Vilea		· · · · · · · · · · · · · · · · · · ·	
Casing and Screen Record	<u> </u>		Pumpir ig/	ng Test	
Inside diameter of casing					
Total length of casing					
Type of screen				2 hrs.	
Length of screen				f test clear	
Depth to top of screen	Rec	ommended	pumping rate		S G.P.M.
Diameter of finished hole 5–5/8					w ground surface
Well Log		- pump som			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		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 Juan Manuar (Signature of Licensed Drilling or Boring Contractor) Form 7 10M-62-1152	··· · · · · · · · · · · · · · · · · ·	road and		TEET ?	<u>N</u>
OWRC COPY		111		css.	53

UTM $\frac{1}{18}$ $\frac{4591160}{59160}$ E $\frac{5}{8}$ $\frac{50321630}{100}$ The Ontario Water Resolution Elev. $\frac{4}{251}$ $\frac{0303}{100}$ WATER WELL Basin $\frac{1251}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ Transformed to the transformation of the t	L REC	Act ONT ORDURO ORDURO Own or City (day	Gloucester ' er 1963 month	1408 Gwp.
Casing and Screen Record	Static level	Pumping		
Inside diameter of casing 2"	Test-pumping ra			
Total length of casing 12'	Pumping level			
Type of screen				
Length of screen	Duration of test pumping 2 hrs.			
Depth to top of screen	Water clear or cloudy at end of test clear G.P.M Recommended pumping rate 5 G.P.M			
Diameter of finished hole			-	w ground surface
	with pump settin	ng of		
Well Log			Depth(s) at	Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	(fresh, salty, sulphur)
loam grey limestone	0	2 42	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}	licate 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		
Licence Number 1025		8		
Name of Driller or Borer. G. Charbonneau	INNES			
Address R.R.# 1, Box 194, Orleans, Ont.	PUAD			1
Date 11 November 1993.		(40 ,)	AM TO MAY AND COMPANY OF THE AND A DESCRIPTION OF THE OWNER OF THE	
Gerand Charbenneur	1			
(Signature of Licensed Drilling or Boring Contractor)				#.1
Form 7 15M-60-4138	7		CS: 53	1014
OWRC COPY				

UTM 1/18 4519141415 E 5 R 50131215 80 Ontario Water Rese Elev. 4 1 0300 WATER WE Basin 25 trict Lot L/	LL RECC Township, Village, To Date completed	Wrn or City	/ごC month	0 1409 66
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	umping udy at end of umping rate	1 00 6 P F 0 1 H R 1 test C C 4 00 6 P	₹ /// G P.M .
Well Log				r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
LIMESTORE	0	30	30	FRISH
		Location	of Well	
For what purpose(s) is the water to be used? $77505 \in$ Is well on upland) in valley, or on hillside? Drilling or Boring Firm $C D O F F \in SME$ Address $07710 \mu h$ Licence Number Name of Driller or Borer Address Date D E C 7/66 Date D E C 7/66	road and	n below show	v distances of we dicate north by	
Form 7 15M-60-4138		С		
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)	Pumping rate		• • • • • • • • • • • • • •	
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
For what purpose(s) is the water to be used?	50- La Janko -			

Well Log

	<u> </u>	
Overburden and Bedrock Record	From	To
<u> </u>	0 ft.	ft.
Clay soil	1	6
Lanton		43
		-
		·

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. 9200-27/53Licence Number... Date. FORM 5 Signature of Licensee C55.53

31GSh Star	DERE			C
UTA 18 2 41519101615 E			ATER BRANCH	χ^{1413}
5 F. S O 3 2 6.410 N The Ontario Water Res	ources Commission	Act SEP !	5 1962	
Elev. 4. 0303 WATER WE				
Basin 25+ CARLETON				ESTER
Con. 30F Lot 5	Date completed	15	JUNE	62
		(day CRLEAN		
	1 655			
Casing and Screen Record		Pumping		<u> </u>
Inside diameter of casing	Static level Test-pumping ra	20	OGPH	
Total length of casing 13	Pumping level	ate ~	30	
Type of screen	Duration of test	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 j	outry at cite of	20061	ort
Diameter of finished hole	with nump settin	35 35	feet belo	w ground surface
Well Log	with pump settin		1	r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
5012	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
				FRESH
For what purpose(s) is the water to be used?	In diama	Location	of Well	FRISH Il from
For what purpose(s) is the water to be used?	In diagra	Location m below show		
For what purpose(s) is the water to be used? Home Is well on upland, in valley, or on hillside?	In diagra	Location m below show	of Well distances of we	
For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm	In diagra road and	Location m below show lot line. Ind	of Well distances of we	
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 ORLEANS	In diagra road and	Location m below show	of Well distances of we	
For what purpose(s) is the water to be used? Home Is well on upland, in valley, or on hillside?	In diagra road and	Location m below show lot line. Ind	of Well distances of we	
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 COSSETTE ORLEPHS	In diagra road and	Location m below show lot line. Ind	of Well distances of we	
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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 MANLEL Cosse TTE Address Licence Number Name of Driller or Borer Address Date Manuel Cosse Manuel	In diagra road and	Location m below show lot line. Ind	of Well distances of we	
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 Cosser TTE Address Licence Number Name of Driller or Borer Address	In diagra road and	Location m below show lot line. Ind	of Well distances of we	
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 MANLEL Cosse TTE Address Licence Number Name of Driller or Borer Address Date Manuel Cosse Manuel	In diagra road and	Location m below show lot line. Ind	of Well distances of we	

UTM $1/3/2$ $4/5/9/1/3/0 E$ 5 R 5/0/3 2 6 8/0 The Ontario Water Reso Elev. $4/R$ 0/3/0/3 WATER WEI Basin $2/5/1$ Carleton 7 Con. 3 0 P Lot 5 I	Cownship, Village, 7	SEP 5 Act ONTARIO ORDCES Fown or City July 24, 1 (day	D WATER COMMISSION Glouceste: 962 month	year)
	ress R.I	R. # 1, Orle	ans, Ont.	
Casing and Screen Record		Pumping	g Test	
Inside diameter of casing 2"		• •		
Total length of casing 81	Test-pumping r	ate 9		G.P.M.
Type of screen	Pumping level	20'		
Length of screen	Duration of test	pumping 2	hrs	·····
Depth to top of screen	Water clear or c	loudy at end of	test clear	
Diameter of finished hole 2 "	Recommended	pumping rate.	9	G.P.M.
	with pump setti	ng of 20 '	feet belo	w ground surface
Well Log	·	- 1		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?		Location	of Well	1
domestic Is well on upland, in valley, or on hillside? Drilling or Boring Firm G. CHARBONNEAU DIAMOND DRILLER ARTESIAN WELLS 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 Jeiner Charbonneau (Signature of Licensed Drilling or Boring Contractor) Form 7 10M-62-1152	road and	l lot line. Ind	distances of wel licate north by	V IV
OWRC COPY		<i>ii</i>	CSS.58	

		The Ontario Wa	ter Resour	ces Comm			515 N	~
Vater management in	Ontario 1. PRINT ONLY IN SPAC	BOX WHERE APPLICABLE	11	15 10 3 4	1 500		<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
		5S	2 - Box	138 - 0	rleans, Ont.	DATE COMPL	ETED NO	53
		HING 01312171	RC.		RC. BASIN CODE			<u>i</u>
<u> </u>		OF OVERBURDEN A	24 25	26	30 31			
ENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIA			GENERAL DESCRIPTION		DEPTH FROM	– FEET TO
grey	clay						0	6
grey	limestone						6	45
	d2ast 1 1 1 0a:45	2/15 1 51 CASING & OPI			54 S4 SIZE(S) OF OPENING	65 31-33 DIAMET		
AT - FEET 2 7 10-13 1 2 15-18 1 [20-23	KIND OF WATER FRESH 3 SULPHUR ¹⁴ SALTY 4 MINERAL FRESH 3 SULPHUR ¹⁹ SALTY 4 MINERAL 24	Juerofice MATERIAL TI DIAM. MATERIAL TI INCHES STEEL 12 2 GALVANIZED 3 3 CONCRETE 4 4 OPEN HOLE 19	WALL DE HICKNESS FROM	13-16 20-5 0020 20-23	MATERIAL AND TYPE S 61 PLUGGING DEPTH SET AT - FEET FROM TO		TYPE (CEN	41- FEET COR MENT GROI PACKER, E
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STATIC LEVEL 19-21 004 FEET IF FLOWING, GIVE RATE RECOMMENDED PU	2 □ BAILER 000 WATER LEVEL END OF PUMPING 22-24 040 FEET 02.24 040 FEET 02.24 02.2 FEET FEET 38-41 PUMP INTAKE SE GPM. RECOMMENDED PUMP SETTING 04	GPM. 01 15-16 HOURS LEVELS DURING 10 PRI 20 30 MINUTES 29-31 45 MINUTES 32-34 03 8FEET 45 MINUTES 45 MINUTES 103 8FEET FEET 103 8FEET 04 103 8FEET 04 103 8FEET CLEAR 43-45 RECOMMENDED PUMPING RATE 12 FEET ACCOMENDED	00 17-18 MPING COVERY 60 MINUTES 35-37 0 ↓ 0 FEET FEST 42 2 □ CLOUDY 46-49	LOT	LOCATION AGRAM BELOW SHOW DISTANC INE. INDICATE NORTH BY AR	ES OF WELL FRO	ORLE	an: 21
FINAL STATUS OF WELL	54 1 WATER SUPPLY 2 OBSERVATION WELL 3 TEST HOLE 4 RECHARGE WELL 55-56 1 1 DOMESTIC 2 STOCK 3 IRRIGATION	⁵ 🗌 ABANDONED, INSUFFIC			0.1			
METHOD OF DRILLING		8 🗍 JETTING 9 🗋 DRIVING	E NUMBER	DRILLERS FEMARK]800 -62 date deceived 0 1	1960	63-
ADDRESS 1014		., Ottawa 5,	3227 Ont.	DATE OF INSPEC			1203	Ê
	aniel CONTRACTOR		у ув. 69	OFFICE				

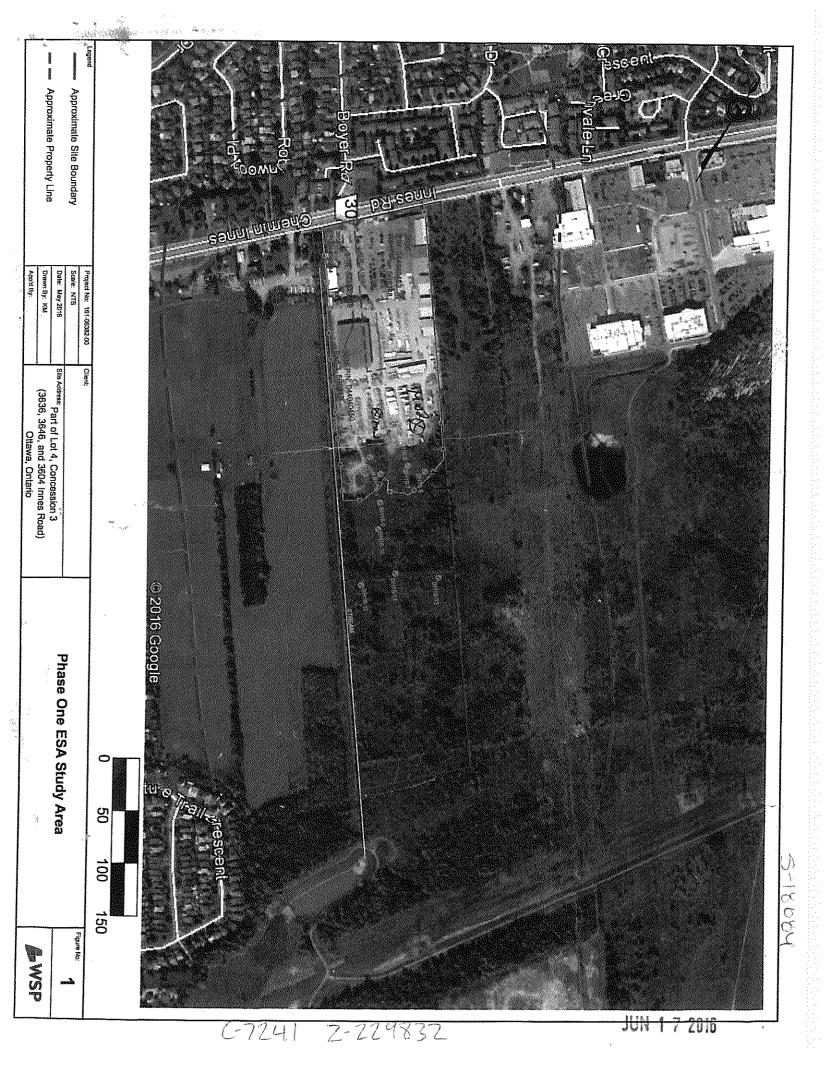
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	NLY IN SPACES PROVIDED		1515988	10	5002		22 23 24
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH.	CITY. TOWN, VILLAGE	3 9	3	IRACT, SURVEY, ETC	03 (204
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Frag hims	ine						
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					11,1,1,	 .	 _ _ _ _
41 WATER RECORD	21 32 51 CASINO	G & OPEN HOL		SIZE (S) OF OP (SLOT NO)	ENING 31-3		
WATER FOUND KIND OF WATER	INSIDE DIAM MATERI/ INCHES	AL THICKNESS INCHES	DEPTH - FEET FROM TO		ID TYPE	DEPTH TO OF SCREEN	TOP 41-44 80
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2 SALTY 4 MINI		19	20-23	DEPTH SET AT	FFFT		(CEMENT GROUT. EAD PACKER, ETC.)
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Z 🗋 SALTY 4 🗌 MIN		NIZED	27-30	18-21	22-25 30-33 80		
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1 Dernip 2 Bailer	IMPING RATE SI-14 DURATIO		uc	LOCA	ATION OF		DAD AND
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RECOMMENDED PUMP TYPE PI	COMMENDED 43-45 RECON	46 10005 G	- 49 PM	ļ.	1	T	
	M./FT. SPECIFIC CAPACITY				, 7l		Ň
FINAL 2 COBSERV STATUS 3 COBSERV	ATION WELL 6 ABANDONE	D, INSUFFICIENT SUPPL D. POOR QUALITY	Y	0))		#
	RGE WELL				}	,	
	6 🗋 MUNICIPAL TION 7 🗍 PUBLIC SUPPLY			1 2			
		R CONDITIONING	2	2 15			
	TOOL 6 0 BC Y (CONVENTIONAL) 7 0			1) 00			
	⊻(AIR) 9 🗌 DF		DRILLERS REMA				
NAME OF WELL CONTRACTOR		LICENCE NUMBER		58 CONTRA		16 RECEIVED	· 77 ···· ··
ADDRESS	ale Rang Done	14 36 5 8			658 INSPECTOR	2 1 11	j t Þ
NAME OF DRILLER OR BOYER	2 Ottant	LICENCE NUMBER					Р
NAME OF DRILLER OR BOPER	Lender SUBMISSION		OFFICE				WI
Jul Agun			é 0		CSS	the second s	ORM 7 MOE 07-091
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	istry of the ironment		The Ontario Water Resources Act
Ontario			
COUNTY OR DISTRICT	1. PRINT ONLY IN 2. CHECK 🛛 CORF	TOWNSHIP BOROUGH CITY TOWN VILLAGE	1516929 MUNICE 002 15 16929 10 22 23 24 10 10 10 10 10 10 10 10 10 10 10 10 10 1
site	iont	GLOUERSTER	<u>З О. F. Ш 48-53</u> DATE COMPLETED 48-53
		Innes Rd.	ELEVATION RC BASIN CODE II III IV
	10 12 L($\begin{array}{c ccccccccccccccccccccccccccccccccccc$
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION DEPTH - FEET FROM TO
brown	hardpan		0 4
grey grey	<u>slate</u> limestone		<u> </u>
		····	
41 WAT	ER RECORD	51 CASING & OPEN HOLE	
AT - FEET	KIND OF WATER	10-11 1 (T STEEL 12	ROM TO MATERIAL AND TYPE DEPTH TO TO P 41-44 30 13-16 0 0 SCREEN
15-18 1	SALTY ⁴ MINERAL FRESH ³ SULPHUR SALTY ⁴ MINERAL	06 2 □ GALVANIZED 61 3 □ CONCRETE 4 □ OPEN HOLE	0 22 61 PLUGGING & SEALING RECORD
20-23 1	FRESH 3 ULPHUR 24 Salty 4 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
	FRESH 3] SULPHUR SALTY 4] MINERAL	4	27-30 18-21 22-25
	5RESH 3 [] SULPHUR SALTY 4 [] MINERAL	3 CONCRETE 4 OPEN HOLE	26-29 30-33 80
71) PUMPING TEST MET		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 30 MINUTES 45 MINUTES 60 MINUTES	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.
19-21 19-21 19-21 19-21 19-21 19-21 19-21 19-21 19-21 19-21 19-21 19-21	030 FEET 011 FEE	T 011 FEET 011 FEET 011 FEET	M.
IF FLOWING, GIVE RATE	GPM	30 FEET 1 X CLEAR 2 CLOUDY	
SI-53	PUMP	PUMPING	Σ Σ
FINAL	 54 1 ₩ water supply 2 OBSERVATION WEL 	 ABANDONED, INSUFFICIENT SUPPLY ABANDONED POOR QUALITY 	I CONIT
STATUS OF WELL	3 🗋 TEST HOLE 4 🗋 RECHARGE WELL	L 6 ABANDONED POOR QUALITY 7 UNFINISHED	1 And
water	-56 1 DL DOMESTIC 2 I STOCK 3 I IRRIGATION	5 CONMERCIAL 6 MUNICIPAL 7 PUBLIC_SUPPLY	
USE 🕻	. .	COOLING OR AIR CONDITIONING ONT USED	800' 3
METHOD	CABLE TOOL CABLE TOOL CONVENT CONVENT CONVENT		N
OF DRILLING	4 3 D ROTARY (REVERSE 4 X ROTARY (AIR) 5 D AIR PERCUSSION) B JETTING 9 D DRIVING	CONIII V DRILLERS REMARKS
G. Charb		Brilling Ltd. 1504	DATA SOURCE / 58 CONTRACTOR 59-62 DATE RECEIVED 28 02 79 63-68 80 DATE OF INSPECTION / INSPECTOR
ADDRESS		éans, Ont. K1C 1T1	DATE OF INSPECTION INSPECTOR L J.P.P. W 23/5/79 L J.P.P. REMARKS:
Léo Bo	r or Borer Urgeois	LICENCE NUMBER	
SIGNATURE OF CO	autor	SUBMISSION DATE DAY 24 NO. 6 YR. 78	CSS.S8
MINISTRY	OF THE ENVIRO	DNMENT COPY	FORM NO. 0506-477

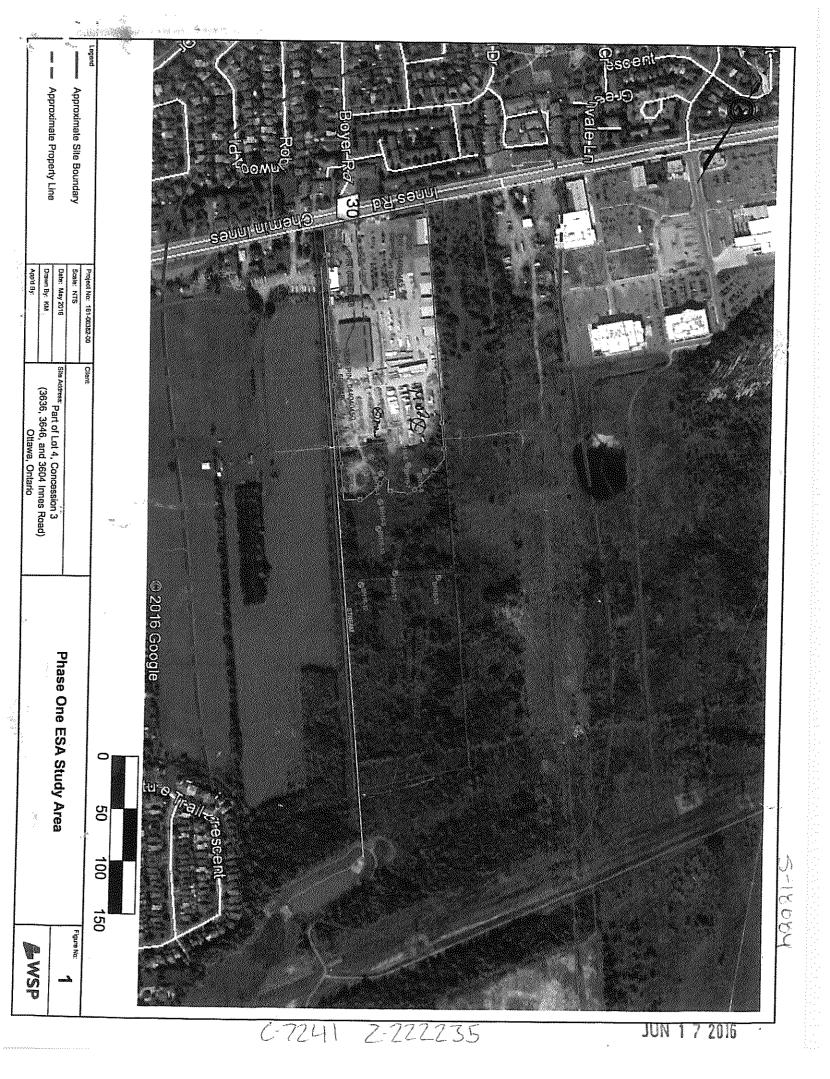
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Ontario Env	vironment	SPACES PROVIDED		15181		500,2		
COUNTY OR DISTRICT	2. CHECK 🗵 CORRI a-Carleson	TOWNSHIP. BOROUGH. CITY, TOY	VN. VILLAGE		CON. BLOCK. T			LOT 23-27
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	LO	G OF OVERBURDEN AN	24 25	CK MATERIAL	30 31	· · · · · · · · · · · · · · · · · · ·		
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brown	hardpan						0	4
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					54			
WATER FOUND AT - FEET	KIND OF WATER		ALL DE	PTH - FEET			INCHES	LENGTH 39-40 Feet
-	FRESH ³ DSULPHUR ¹⁴ SALTY ⁴ MINERAL		CHES FROM		MATERIAL AND T	YPE	DEPTH TO TOP OF SCREEN	41-44 30 FEET
2	FRESH 3 SULPHUR 19 SALTY 4 MINERAL	06 1 CONCRETE 1 CONCRETE 1 OPEN HOLE 17-14 1 STEEL 19		20-23	61 PL		SEALING REC	
2 [] FRESH ³ [] SULPHUR ²⁴] SALTY ⁴ [] MINERAL	[₹] ☐ GALVANIZED ³ ☐ CONCRETE			FROM TC 10-13	MATER		IENT GROUT PACKER ETC)
2	FRESH 3 SULPHUR 29			27-30	18-21	22-25		
	34 80 FRESH 3 [] SULPHUR SALTY 4 [] MINERAL	3 CONCRETE 4 COPEN HOLE			26-29	30-33 80		
N W	Hod air PUMPING RATE 2 BAILER 00	05 01 15-16 GPM HOURS			LOCAT	ION OF	WELL	
LEVEL	WATER LEVEL 25 END OF WATER LEV PUMPING 22-24 15 MINUTES 1	ELS DURING 1 PUMP 2 RECOV 30 MINUTES 45 MINUTES 6		IN DIAGR LOT LINE		DISTANCES OF RTH BY ARROW	WELL FROM ROAD	AND
	0 80 _{FEET} 0 20 ²¹⁻²⁴ _{FEET}	013 FEET 013 FEET 01	3 35-37 FEET	N.				\mathcal{N}
IF FLOWING, GIVE RATE	38-61 PUMP INTAKE SE GPM	FEET I TO CLEAR 2						λ^{γ}
RECOMMENDED PUN	RECOMMENDED	43-45 RECOMMENDED PUMPING RATE COOS	46-49 GPM					V V
	54 1 X WATER SUPPLY	\$ 🗍 ABANDONED, INSUFFICIEN		× X			5	× .
FINAL STATUS OF WELL	2 D OBSERVATION WELL 3 D TEST HOLE 4 D RECHARGE WELL	ABANDONED, INSUFFICIEN ABANDONED, POOR QUALI UNFINISHED		8			and an and a second	
55	-56 1 DOMESTIC	S COMMERCIAL		X			a se antigar de la composition de la co	
USE 01	3 IRR GATION 4 INDUSTRIAL	7 D PUBLIC SUPPLY COOLING OR AIR CONDITIONIN	iG		a – os a serve de arteste en el	ging sam ing sama sa sa	and the set of the set	
	OTHER 57 CABLE TOOL	• BORING		N/L	t	REGI	°b	
METHOD OF DRILLING	2 D ROTARY (CONVENTIO 3 D ROTARY (REVERSE) 4 X ROTARY (AIR)			30 D		-		
				DRILLERS REMARKS			·····	
	bonneau+Son D	rilling Ltd 1	504	DATA SOURCE DATE OF INSPECTION	58 CONTRACTOR		5048	3
	Box 194, Or	leans, Ont. Kl		R C	· IN	SPECTOR	· · · · ·	_
SIGNATUR OF C		SUBMISSION DATE						
16	al	- <u>DAY</u> 17 MO 06	8 2	5		····	4 <u>.</u>	
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of th	istry ne ironment				
		ECT BOX WHERE APPLICABLE 11		CON BLOCK THACT SURVEY ET	C Lot 25 C
		ster			ATE COMPLETED 40 33
	and the second	s Rd, Orlé	ans, Ont		<u>ат 17 мо 06 тя 82</u>
		and the second data is the second s	5 20		
NERAL COLOUR	NOST	OG OF OVERBURDEN AND BEDR	OCK MATERIA	GENERAL DESCRIPTION	DEPTH · FEET
1	COMMON MATERIAL			GENERAL DESCRIPTION	FROM TO
rown	hardpan limestone		·		4 83
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· · · · · · · · · · · · · · · · · · ·		N/ 1		STRESS OF OPENING	DIAMETER 34 38 LENGTH 39 4
TER FOUND	KIND OF WATER	INSIDE MATERIAL THURNESS	DEPTH FEET	Z ISLOT NO I W MATERIAL AND TYPE U	INCHES FEET DEPTH TO TOP 41.44
-	FRESH - I [] SULPHUR SALTY - 4 [] MINERAL	100 HES 100 HE	0 21	s s	OF SCREEN FEET
1 1	FRESH ³ [] SULPHUR ¹ 7 SALTY ⁴ [] MINERAL	() CONCRETE 1 JOPEN HOLE 17 TH STEELS	26.21	61 PLUGGING 8	SEALING RECORD
	FRESH ¹ [] SULPHUR ¹ SALTY ⁴ [] MINEHAL	T [] GALVANOTIS 3 [] CONCHETE		FROM 10 10-13 14 17	RIAL AND TYPE LEAD PACKEP ETC :
2 []	JRESH 3 [] SULPHUR '' SALTY 4 [] MINERAL	A D OPEN HOLE	2).30	18-23 22.25	
2 []	FRESH 3 SULPHUR 34.7 SALTY 4 MINERAL	I (J CONCRETE C) OPEN HOLE		26 29 30 1 80	
PUMPING TEST MET		5 1 15 16 17 18 GPM HOURS MTN.		LOCATION OF	WELL
	PUMPING	LVELS DURING 2 [] RECOVERY	IN DIA LOT LI	GRAM BELOW SHOW DISTANCES OF NE INDICATE NORTH BY ARROY	
13	$\frac{22\cdot24}{80} + \frac{15 \text{ minutes}}{20} + \frac{24 \text{ zr}}{100}$	13 13 13	$\sqrt{1}$		\sim
F FLOWING GIVE RATE	38 41 FUMP INTAK	HAT WATER AT END OF LEST 42			$ \in \mathcal{N}$
RECOMMENDED PUN	PUMP				
- 53	317		V I		
FINAL STATUS	B WATER SUPPLY OBSERVATION WEI TEST HOLE	S [] ABANDONED INSUFFICIENT SUPPLY 4 [] ABANDONED POOR QUALITY 4 [] UNFINISHED			
OF WELL	C RECHARGE WELL S6 K DOMESTIC	() COMMERCIAL			
WATER USE	2 [] STOCK 7 [] IRRIGATION 4 [] INDUSTRIAL	 [] MUNICIPAL [] PUBLIC SUPPLY [] COOLING OR AIR CONDITIONING 			
	57 CTHER	' [.] NOT USED	2	RLG,	5 ,
METHOD OF DRILLING	CABLE TOOL CABLE TOOL CONVENT		50		
NAME OF WELL (LICENCE NUMBER		Se Sharan Sea Arr	Hustovite a state of
ADDRESS		Drilling Ltd 1504 17		non la coñección la construcción de	5 04 83
R.R. 2	Box 194, ()	rleans, Unt. KIC iv	EUSE		
SIGNATUH OF C	011hc108	- 17 M. 06 IN 87	OFFICE USE		·
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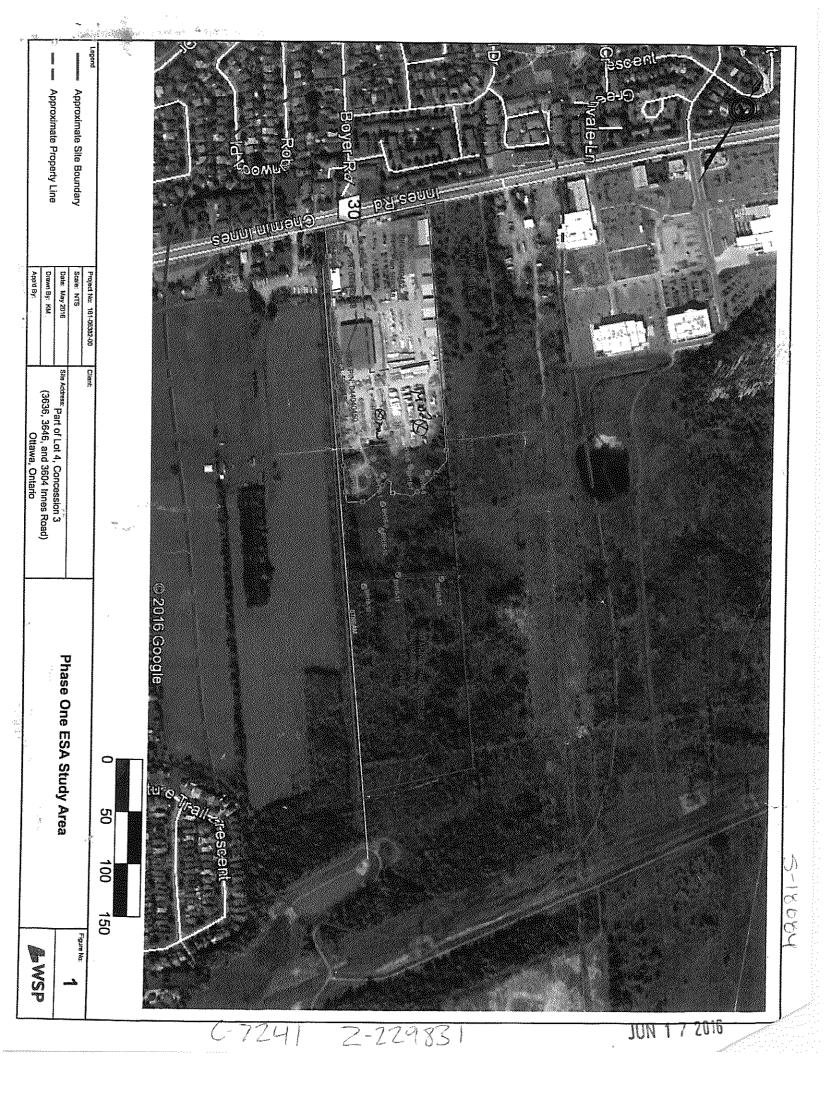
Ministry of the Environm and Climate Change	from rug no. (r inco oncho)		n 903 Ontario V	Vell Recor
Measurements recorded in: Metric Impe Well Owner's Information Impe First Name Last Name / Orga BMR C		E-mail Address	<u>+8699</u>	e of
Mailing Address (Street Number/Name) 208 - 101 MMCs Koad 1 Well Location Address of Well Location (Street Number/Name)	Municipality 1 -	Province DN KIBI Lot	- Frankright	e No. (inc. area code)
County/District/Municipality UTM Coordinates Zone, Easting , Northin	City/Town/Village OH & 4 g 3 2 5 7 9 Municipal Plan and Sut	olot Number	Province Ontario Other	Postal Code
Overburden and Bedrock Materials/AbandonmeGeneral ColourMost Common MaterialBRNfopsov		e back of this form) General Description	9	Depth (m/ft) From To
BRN clay 6RY clay	sand silf	5014	/	· 3]].22 !.22 4.11
Annular Spac)] Yield Testing	
From To (Material and Typ.		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/tt) Static Level	el Time Water Level (min) (m/l)
. 9 [4.1] fritter sond		Pump intake set at (m/ft) Pumping rate (l/min / GPM)	1 2 3	1 2 3
Cable Tool Diamond Public Rotary (Conventional) Jetting Domestic Rotary (Reverse) Driving Livestock Boring Digging Irrigation Air percussion Industrial	said protocol and a creation of the	Duration of pumping hrs +min Final water level end of pumping (m/t)	4 5 10	4 5 10
Other, specify Other, specify Other, specify Construction Record - Casing Inside Open Hole OR Material Uameter Gatyanized, Fibreolass Thirkness	Status of Well Depth (m/ft) Water Supply	If flowing give rate (Umin / GPM) Recommended pump depth (m/fl)	15 20	15 20
(cm/in) Concrete, Plastic, Steel) (cm/in) Fro	Test Hole	Recommended pump rate (Vmin / GPM) Well production (Vmin / GPM)	25 30 40	25 30 40
Construction Record - Screen	Alteration (Construction) Abandoned, Insufficient Supply Abandoned, Poor	Disinfected?		50 60
Diameter (cnvin) (Plastic, Galvanized, Steel) Stot No. From 1.82 PVL 10 1.0	specify	Please provide a map below following in See Mw		ack.
Water Details Water found at Depth Kind of Water: Fresh Unter (m/ft) Gas Other, specify	From To (cm/in)	hw.	3	
ater found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify ater found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify	sted			
Well Contractor and Well Techni spess flame of Well Contractor Frank July Ang Gcomp siness Address (Street Number/Name)	Well Contractor's Licence No.	Comments:		
by the second se	2505 ratason con	Well owner's Date Package Delivered	Audit No	ry Use Only 229832
I Technician's Licence No. Signature of Technician and/or Signature (2014/11)	Contractor Date Submitted 201160603 Ministry's Copy	delivered I	Z Received	IUN 1 7 2016



Ministry of the Environm	ent Well Tag No. (Place Sticker	724	Well Record
Measurements recorded in: Metric Imperi			tion 903 Ontario Water Resources Act
Well Owner's Information		#: A100124	3-18684Pageof
	ization δν. D	E-mail Address	U Well Constructed by Well Owner
Mailing Address (Street Number/Name) 208 - 101 Innes Park W	lay Municipality	Province Postal C A ON KIB	ode Telephone No. (inc. area code)
Well Location Address of Well Location (Street Number/Name)	Township	Lot	Concession
3636 Innes Road	City/Town/Village		Province Postal Code
UTM Coordinates Zone Easting U Northing	BH and A Municipal Plan and Sul	blot Number	Ontario
NAD 8 3 / 8 7 5 7 40 50 3 Overburden and Bedrock Materials/Abandonmen	1 26 6 9 It Sealing Record (see instructions on ti	he back of this form)	
General Colour Most Common Material	Other Materials	General Descrip	tion Depth (m/fi) From To
BRN Clay	gravel	1005e 5 d H	- 31 1.22
GRY Clay	gravel svlt	soft	1.22 3.75
ST Shall		weathered	5. 35 4.5
		······································	
Annular Space Depth Set at (m/it) From To Material and Tyre	ed Volume Placed	After test of well yield, water was:	Well Yield Testing
(Material and Type (Material and Type (Material and Type	the second s	Clear and sand free	Time Water Level Time Water Level (min) (m/ti) (m/n) (m/ti) Static
.3/1.22 pertonité		 If pumping discontinued, give reasc 	Level 1
1.224.57 Milter sond		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 Rotary (Reverse) Driving Livestock	Commercial Not used	Duration of pumping hrs + min	4 4
Inducty (reverse) Driving Livestock Porting Digging Irrigation Air percussion Industrial	Test Hole Monitoring	Final water level end of pumping (m	
Other, specify Other, spec	cityStatus of Well	If flowing give rate (I/min / GPM)	15 15
Inside Open Hole OR Material Wali Diameter (Galvanized, Fibreglass, Thickness	Depth (m/ii)	Recommended pump depth (m/ft)	20 20 20 25
4.63 PVL .369	Image: Sector S	Recommended pump rate (//min / GPM)	30 30
	Dewatering Well	Well production (I/min / GPM)	40 40
	Construction	Disinfected?	50 50 60 60
Construction Record - Screen	Abandoned, Insufficient Supply Abandoned, Poor	Map of I	Well Location
Canvin) (Plastic, Galvanized, Steel) Slot No. From	Pepth (<i>m/it</i>) Water Quality n To Abandoned, other, <i>specify</i>	Please provide a map below followir	ng instructions on the back.
4.82 pvc 10 3.	A CARACTER AND A CARA		11.1
Water Details	Hole Diameter	ll See	, My IW2
Water found at Depth Kind of Water: Fresh Untes (m/fl) Gas Other, specify		N N	1W2
Water found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify	ited 0 .31 11.43 .31 4.577.62		
Water found at Depth Kind of Water: Fresh Untes (m/fl) Gas Other, specify	led		
Well Contractor and Well Techni Business Name of Well Contractor	cian Information Well Contractor's Licence No.		
Strida Drilling Group Business Address (Streel Number/Name)	724) Municipality /	Comments.	
165 Shields Con A Province Postal Code Business E-mail	Markhom		
ON L 3 B BV 2 Writord Bus Telephone No. (inc. area code) Name of Well Technicia	SBSTratason . com	Well owner's Date Package Delive	
7 8 8 9 7 0 7 9 7 M Com, J Nell Technician's Licence No. Signature of Technician's Licence No.	AMES	delivered Date Work Complete	· · · · · · · · · · · · · · · · · · ·
<u>3</u> 6 5 6 7	20160603	10 20160G	JUN 1 7 2016 Received © Queen's Printer for Ontario, 2014
U	Ministry's Copy	ſ	S GUEERIA FIBIELIUL URBBD, 2014



Ministry of the Environment and Climate Change	Se Sticker and/or Print Below) Well Record
Measurements recorded in: \square Metric \square Imperial $A169779$	Tag #: A169779 Vation 903 Ontario Water Resources Act
Well Owner's Information First Name Last Name / Organization	
BMR Growd	E-mail Address
Mailing Address (Street Number/Name) 208 - 0 Mnes Park Way Of	Province Postal Code Telephone No. (inc. area code)
Well Location	tawa on KIBIEZ
Address of Well Location (Street Number/Name) Township	Lot Concession
County/District/Municipality City/Town/Vill	
UTM Coordinates Zone, Easting , Northing Municipal Pla	A Ontario
NAD 8 3 / 84593245032602	
Overburden and Bedrock Materials/Abandonment Sealing Record (see instru General Colour Most Common Material Other Materials	
GRY grave	From To
BRN clay grand	1005e 0,3) soft .3/15]
GRY Class St	SAG
GRY shale "	weathered 3,) 4.57
Annular Space Depth Set at (m/fl) Type of Sealant Used Volume	Placed After test of well yield, water was: Draw Down Recovery
From To (Material and Type) (m ³ /	
O SI MANUMENT CO-inte	If pumping discontinued, give reason. Static
.3 1.22 bentonde	
1.22 4.57 Gilter sand	Pump intake set at (m/t) 2 2
	Pumping rate (Umin / GPM) 3 3
Method of Construction Well Use Cable Tool Diamond Public Commercial	lot used 4 4
Rotary (Conventional) Jetting Domestic Municipal Jr	ewatering Duration of pumping
Boring Digging Infigation Cooling & Air Condition	
Air percussion	
Construction Record - Casing Status of	
Inside Open Hole OR Material Wall Depth (<i>m/tl</i>) Water Su Diameter (Galvanized, Fibreglass, Thickness From To Replacen	pply Recommended pump depth (<i>m/i</i> l)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Recommended pump rate
Dewaterin	ng Well
Monitoring	Hole Well production (Umin / GPM)
Alteration (Construct	tion) Disinfected?
Construction Record - Screen	If Supply
Outside Material Depth (m/ft) Water Qu	ality Please provide a map below following instructions on the back.
(cm/in) (France Galvanized, Steer) From To Specify	sd, other,
<u>4.87 PVC 10 1.52 4.57 Other, spi</u>	serify S INCOP
	scily Sec Map MWI
Water Details Hole Diamete Water found at Depth Kind of Water: Fresh Untested Depth (m/ft)	Diameter
(<i>m/tl</i>) Gas Other, specify From To	(cm/in)
Water found at Depth Kind of Water: Fresh Untested	L_{4S}
(<i>m/fi</i>) Gas Other, <i>specify</i> Water found at Depth Kind of Water: Fresh Untested 3.) 4.57	7.62
(m/ft) Gas Other, specify	
Well Contractor and Well Technician Information Busingss Name of Well Contractors Lie Well Contractors Lie	Sence No.
Struck Niching Group 724	
Business Address (Street Number/Name) JUS Shi' US Come Municipality Municipality	Comments:
Province Postal Code Business E-mail Address	
ON LIREVIJWICCGIS@STICHASOVI. Bus Telephone No. (inc. area code) Name of Well Technician (Hast Name).	
Bus Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) 9 0 3 9 4 0 7 9 1 9 M Lung JAM FS	Audit No. 2229831
Velt Technician's Licence No. Signature of Technician anti/or Contractor Date Submitted 3 6 5 4 5 6	
)506E (2014/11) Ministry'	



J.	Ontario		the Environment	Well Tag	g No. (Place Sticker a	nd/or Print Below)			W	ell F	Record
Measu	rements recorded	and Climate	21		NA		Regulation	n 903 (Dntario Wa Page	ter Res	ources Act
125500000000000	Owner's Inform						1		raye_		<u> </u>
First Na	RICHC	RA FT		Po	FGOMPF	E-mail Address	In.De	ഹ	(ition		Constructed ell Owner
Nailing DI	Address (Street N		NC 81	- 1	Aunicipality	Province	Postal Code	_0			area code)
<u>ing galakida ku</u>	ocation	<u>s 11-ea</u>	May Ou			<u>4 10201, ~</u>	~ Y (N (L / T		لالكليك		
Addres	s of Well Location 3672	(Street Number	r/Name) S Roa	D	ownship	NS	PILA	-	Concession	2	, >
County	/District/Municipali	19AO	FYAN	C	City/Town/Village	hic		Provir Ont		Postal	Code
			Northing		Aunicipal Plan and Subl		5500	Other		0	$r \perp 1$
	AD 8 3 104 urden and Bedro	CK Materials/	Abandonment Ser	aling Reco	rd (see instructions on the	back of this form)	<u></u>	<u> [(</u>	1886	<u>P</u>	<u> </u>
Gener	al Colour N	Most Common	Material		er Materials	Gene	ral Description			Dep From	th (<i>m/ft)</i>
		b "d	stilled	WER	l Mere	lonper	NT _		(<u> </u>	41
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×		ETAC	2								
*		EWW	í í								
Dept	th Set at (matternet)		Annular Space		Volume Placed	After test of well yield, v	Results of We		d Testing aw Down	R	ecovery
From			aterial and Type)		(m ³ /ft ³)	Clear and sand fr			Water Level (m/ft)		Water Level
41	4	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		Diamond	Public Domestic	Commer		Duration of pumping		4	/	4	
Borir	າງ [Driving	Livestock	Cooling a		Final water level end of	in pumping <i>(m/h</i> j	/5 10		5	
	ercussion r, <i>specify</i>		Industrial Other, specify _			If flowing give rate (I/m		15		10 15	
Inside		ruction Recor		(m. 10)	Status of Well			20		20	
Diame (cm/ir	ter (Galvanized, F	ibrealass. Thi	Wall Depth ckness cm/in) From	To	Water Supply	Recommended pump	depth (m/ft)	25	***	25	
		· · ·		/	. Test Hole Recharge Well	Recommended pump (Vmin / GPM)	rate	30		30	
					Dewatering Well	Well production (I/min	/ GPM)	40		40	
					Monitoring Hole Alteration (Construction)	Asinje ed?		50		50	
					Abandoned, Insufficient Supply	Ye No		60		60	
Outsic Diame	le Materia	truction Recon	Depth	(m/ft) ·	Abandoned, Poor Water Quality	Please provide a map I		nstructi	ons on the b		
(cm/ir		ized, Strel)	lot No. From	To	Abandoned, other, specify		LNNE	21	12		
	/		Neu	<u>) (201</u>	Cher, specify		₩ ²	50 Z	FOA	D	
		Vater Details		ц,	ble Diameter		LNNE		A		
Water fo	ound a Depth Kin	d of Water: 🗌	Fresh Untested		n (<i>m/ft</i>) Diameter To (<i>cm/in</i>)			-9	, 1		
Water f	(n/ft) Gas ound at Depth Kin-		Fresh Untested			23a	0.3KM		ſ	, 4	KM
Water fo	(m/ft) Gas		Fresh Untested			Poor	0.50				
	(m/ft) 🗌 Gas 🔲	Other, specify _				sen eaux			\checkmark		
Busines	Well Construction States State		d Well Technician		on Contractor's Licence No.	1 Z			\otimes		
Busines	S Address (Street N	DRILLI	NGCO L			Comments:					
RI	2#	$ R_{1}$	CHMON	D	······································						
Province	NCT V	I Code B	usiness É-mail Addr Z-O	ess		Well owner's Date Pa	ckage Delivered		Minist	ry Use	Only
Bus.Tele	phone No. <i>(inc. area</i>	code) Name o	of Well Technician (L			information package delivered			Audit No. Z		7198
Well Tech			echnician and/or Cor	ntractor Date	Submitted 2	☐ Yes Date We		7	OCT	11	2016
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C ONTARIO and Climate Change	Tag No. (Place Sticker an	d/or Print Below)	Regulation	903 Ontario Wa	ter Res	Record
Measurements recorded in: X Metric Imperial				Page	- 	f
Well Owner's Information First Name Last Name / Organization		E-mail Address		1		
Innis Road Develop	ment Project			[Constructed ell Owner
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone		
c/o Gib Patterson 6327 Emerald Links D Well Location	r. Greely	Ontario	K4P 1M4	613 85	<u>q 546</u>	8
Address of Well Location (Street Number/Name)	Township		Lot	Concessio	<u></u>	
3490 Innis Road	Gloucester					
County/District/Municipality	City/Town/Village			Province Ontario	Postal	Code
Ottawa Carleton UTM Coordinates Zone , Easting , Northing	Orleans Municipal Plan and Sublot	Number		Other		
NAD 8 3 1 8 4 5 9 1 0 1 5 0 3 2 4 7	4					
Overburden and Bedrock Materials/Abandonment Sealing Re General Colour Most Common Material						th (m/4)
General Colour Most Common Material	Other Materials	Genera	I Description		From	th (<i>m/ft</i>)
N						
		-				
		· ·				
Annular Space				Il Yield Testing		
Depth Set at (m/ft) Type of Sealant Used From To (Material and Type)	Volume Placed (m³/ft³)	After test of well yield, wa		Draw Down Time Water Leve		ecovery Water Level
27.12 0 Grouted 3/8 Bentonite Hole	e Plug	Other, specify		(<i>min</i>) (<i>m/ft</i>) Static	(min)	(m/ft)
(24 bags	5)	If pumping discontinued,	give reason:	Level	_	
				1	1	
		Pump intake set at (m/ft)		2	2	
Method of Construction Well I		Pumping rate (I/min / GPA	1)	3	3	
Cable Tool Diamond Public Com				4	4	
Rotary (Conventional) Jetting Domestic Munic	cipal 🗌 Dewatering	Duration of pumping hrs + min		5	5	
Rotary (Reverse) Driving Livestock Test H Boring Digging Imigation Coolir	tole 🗌 Monitoring ng & Air Conditioning	Final water level end of p	1	10		
Air percussion Industrial Other, specify Other, specify					10	
Construction Record - Casing	Status of Well	If flowing give rate (I/min /	GPM)	15	15	
Inside Open Hole OR Material Wall Depth (m/it)	Water Supply	Recommended pump de	pth <i>(m/ft)</i>	20	20	
Diameter (Galvanized, Fibreglass, Com/in) Thickness Concrete, Plastic, Steel) Thickness (cm/in) From To	Replacement Well			25	25	
	Recharge Well	Recommended pump rat (<i>l/min / GPM</i>)	e	30	30	
	Dewatering Well Observation and/or	Well production (Vmin / GI		40	40	
	Monitoring Hole	weir producaorr (<i>mini</i> 7 Gr	-1/1)	50	50	·
	(Construction)	Disinfected?		60	60	
Construction Record - Screen	Abandoned, Insufficient Supply		Map of We			e a contra de 11. de
Outside Material Depth (m/ft)		Please provide a map b			he back.	<u></u>
Diameter (<i>cm/in</i>) (Plastic, Galvanized, Steel) Slot No. From To	Abandoned, other, specify	ś				A
				4.		
	Other, specify		Znn	15 Kd.		
	Hole Diameter					1
	pth (<i>m/ft</i>) Diameter To (<i>cm/in</i>)		*	#3490		
(m/ft) Gas Other, specify From Vater found at Depth Kind of Water: Fresh Untested		Pale				1
(<i>m/ft</i>) Gas Other, <i>specify</i>		(r	and the second			
Vater found at Depth Kind of Water: Fresh Untested	· · · · · · · · · · · · · · · · · · ·	S	-	~		-
(m/ft) Gas Other, specify		-	ŝ	W		ł
	Vell Contractor's Licence No.		3			adverse a
	1 5 5 8				_	
	11	Comments:				
rovince Postal Code Business E-mail Address	Stittsville	·,				
Dntario K 2 S 1 A 6 office@capital		Well owner's Date Pack	age Delivered	Minist	ry Use (Only
us Telephone No. (inc. area code) Name of Well Technician (Last Name 5 1 3 8 3 6 1 7 6 6 Miller, Stephen /	, First Name)	nformation package delivered	YMMO	C Audit No. Z	256	3 <u>806</u>
0 1 3 8 3 6 1 7 6 6 Miller, Stephen / /ell Technician's Licence No. Signature of Technician, apd/or Contractor Distribution	TOW RITCHE 11	Yes Date Work	Completed		7 004-	
0 0 9 7 / 3380	2 0 1 8 0 5 2 2	X No 2 0 1	8051	AUG 2	/ 2018	
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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	

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

Inside (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

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:	Well Tag No. (Place Sticker a. N/A	4	Well Record n 903 Ontario Water Resources Act Page of
Well Owner's Inform First Name Mailing Address (Street No	bast Name / Organizatio	Municipality	E-mail Address N/A Province Postal Cod	Well Constructed by Well Owner e Telephone No. (inc. area code)
Well Location Address of Well Location (ide Atteet PC Street Number/Name)	D.BOX 100 HOXVIL	ostor KOIC	10(01.802 f2100 4 ^{Concession} 3
County/District/Municipalit UTM Coordinates Zone, R NAD 8 3 8	a - Carletor	City/Town/2/illace	- OHawa - OHawa - AR	Province Ontario Other
Overburden and Bedro	ck Materials/Abandonment Se Most Common Material	aling Record (see instructions on the Other Materials	e back of this form) General Descriptio	n Depth (<i>m/ft</i>) From 10
	Fill old with	Didl from to BionHonite carring 2mt	pottom to top gnound jinghound	
$\begin{array}{c c} \hline \\ \hline $	Annular Space Type of Sealant Used (Material and Type) Bentony	Volume Placed (m ³ /ft ³)	Results of 1 After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason	Vell Yield Testing Draw Down Recovery Time Water Level (min) (m/ft) Static Image: Content of the state of th
	groât	$\frac{1}{n^3}$	Pump intake set at <i>(m/lt)</i>	Level 1 1 1 2 2 3 3
Method of Const Cable Tool Rotary (Conventional) Rotary (Reverse) Boring Air percursion Other, specify	Image: struction Public Diamond Public Jetting Domestic Driving Livestock Digging Irrigation Industrial Other, specify	Well Use Commercial Municipal Test Hole Cooling & Air Conditioning	Pumping rate (<i>l/min / GPM</i>) Duration of pumpinghrs +min Final water level end of pumping (m	4 4 5 5 70 0 10
	ruction Record - Casing R Material Wall Dep Fibreglass, Thickness	Status of Well th (m/ft) □ Water Supply □ Replacement Well □ Test Hole	If flowing give rate (<i>Vmin / AM</i>) Recommended pump depth (<i>m/ft</i>) Recommended pump rate	5 15 20 20 25 25
15.48 Ste 15.32 Open 1	d .48 2 tole 6.1	6.1 Recharge Well Dewatering Well U Dewatering Well Observation and/or Monitoring Hole Alteration	(<i>l/min / GPM</i>) Well production (<i>l/min / GPM</i>) Disinjected?	30 30 40 40 50 50
Outside Diameter (Plastic, Galvar	Slot No.	th (<i>m/ft</i>)	Yes No	Wey Loveryon With Instructions on the back.
(cm/in) (Flastic, Galvan	From	To Specify	2 nice	
Water found at Depth Ki (m/ft) Gas	Water Details nd of Water: Fresh Unteste Other, specify no of Water: Fresh Unteste	From To (cm/in)		Utobe
(<i>m/ft</i>) Gas	nd of Water: Fresh Unteste	_	20m-1	
Business Name of Well C LUNGUUA Business Address (Street	Number/Name) (MC), 10-11	Weil Contractor's Licence No. TIALIF Municipality CITYSON	Comments:	
Province Pos Bus. telephone No. (inc. and CALESTICIAN STATES Well Testifician's Licence No.	1911 GENIER,	(Last Name, First Name)	Date Work Complet	Dee Audit No. Z321107
<u>3493</u> 0506E (2018/12)	M			Received © Queen's Printer for Ontario, 2018



(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: 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

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

	Dutside Diameter	Material	Depth From	Depth To
4	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

Dep Fron	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



(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: 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

Dep Fron	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)

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: 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

Outside Diameter	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

Dep Fron	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

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: 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	

, -	1 1	
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

Dep Fron	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



(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: 7392903Well Audit Number: *Z361200*Well Tag Number: *A272506This 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	

, -	1 1	
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

De Fro	pth om	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

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	ddress			
d			-	
	Test-pum Pumping Duration Water clo Recommo	ping rate9 level20 of test pumping ear or cloudy at ended pumping	g 2 hrs. end of test cl rate 9	G.P.M. ear G.P.M.
		Wa	iter Record	
From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
0	14	· · · · · ·		_
	40	40	3_7	
AU WELL9 9R-25	To	n diagram below bad and lot line (ER RD = 2 = 7 2	7 show distances of e. Indicate north $5 \cup 13$ 2 3^{0}	h by arrow.
	ER WE	rio Water Resources Commi ER WELL R Township, Township, Township, Township, Township, Township, Township, Township, Static lev Test-pum Pumping Duration Water ch Recommwith From ft. ft. 0 14 14 17 17 40 From ft. ft. 0 14 14 17 17 40 H ro ft. 17 40 H ro ft. 18 19 17 50 H ro ft. 10 10 10 10 10 10 10 10 10 10	rio Water Resources Commission Act, 1957 ER WELL RECORD Township, Village, Town or Tate completed Sept (day ddress Orleans, Ont. d Pur Static level 3! Test-pumping rate 9. Pumping level 20 Duration of test pumpin Water clear or cloudy at Recommended pumping with pumping level 0 We From To Dethich vater(s) found 0 14 14 17 17 40 40 do 14 14 27 17 40 40 do 14 14 17 17 40 40 do 14 16 16 From St. ft. Static level 3! Test-pumping rate 9. Pumping level 20 Duration of test pumping with pumping level 0 We Dethich vater(s) found 0 14 14 17 17 40 40 Ho Static level 3! Test-pumping rate 9. Pumping level 0 We Static level 3! Test-pumping rate 9. Pumping level 0 Nater clear or cloudy at Recommended pumping with pumping level 0 Nater (s) found 0 14 14 17 17 40 40 Ho Static level 3! Test-pumping rate 9. Pumping level 0 Nater (s) found 0 14 14 17 17 40 40 Ho Static level 3! Test-pumping rate 9. Pumping level 0 Nater (s) found 0 14 14 17 17 40 40 Ho Static level 3! Test-pumping rate 9. Pumping level 0 Nater (s) found 0 14 14 17 17 40 40 Ho Static level 3! Test-pumping rate 9. Pumping level 0 Nater (s) found Nater (s) found	rio Water Resources Commission Act. 1957 JAN 1.1 196 ER WELL RECORD CLASS COMM Township, Village, Town or City TwpGlow Township, Village, Town or City TwpGlow Township, Village, Town or City TwpGlow ate completedSqt

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$UM_{18}^{2} 4 5 8 9 3 ^{5}E$				WATER BEANIN	9 1224
OTAS & STEMOBIE 61-310 N The Ontario Water Reso	ources (Commission		3 1963	
Eleona WATER WEI		REC	DRDES	O WATER COIMISSION	▼
Bosifi (2) 3 CARL	Townshi	ip, Village, T	own or City	GLOUCEST	FR
Con. $2 \circ F$ Lot 5	Date con	npleted	3 (day	SEPT month	/ 963 year)
Casing and Screen Record			Pumpir		
Inside diameter of casing 6 INCH	Stat	ic level		5 FEET	
Total length of casing 20 FEET	Test	-pumping ra	ite	5	G.P.M.
	Pun	nping level		30	
Type of screen $N_0 = N_0$ Length of screen					
Depth to top of screen	Wat	er clear or cl	oudy at end o	ftest CLEA	<i>R</i>
Depth to top of screen			_		G.P.M.
	with	n pump settir	ig of 3		w ground surface
Well Log	·····			Depth(s) at	r Record Kind of water
Overburden and Bedrock Record		From ft.	To ft.	which water(s) found	(fresh, salty, sulphur)
SIAT		0	7		
LIMESTONE		7	45	40-45	FRESA
For what purpose(s) is the water to be used?			Location	of Well	
NEW HOUSEHOLD		0		distances of we	
Is well on upland, in valley, or on hillside? UPLAND		road and	lot line. In	licate north by	arrow.
			d,	d	1
Drilling or Boring Firm MOLOUGHNEY WELL DRILLING			700	8	*1
Address OTTAWA			<u> </u>		
		< (, <u>(</u>)	2	
Licence Number 1177		3	\checkmark	S IN	MES RP
Name of Driller or Borer \mathcal{T} , $FOSTER$	<u>م</u> بيد محينه				
Address 07/AW A	-				
Date 3 SEPT 1963 (Signature of Hidensed Drilling or Boring Contractor)	-				
(Signature of Lidensed Drilling or Boring Contractor)	-				
Form 7 15M-60-4138					
OWRC COPY				185 .53 .	



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

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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
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
СНМ	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	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	Y	0	0	0
FST	(FIRSTS) Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

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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	Y	0	0	0
NCPL	(NATES) 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	Y	0	0	0
NEBI	Sites 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	Ŷ	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Ŷ	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

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

Executive Summary: Site Report Summary - Project Property

Мар Кеу	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>
<u>1</u>	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			
<u>3</u>	WWIS			SE/74.4	-0.20	21
-			ON			_
			Well ID: 7392904			
<u>4</u>	WWIS		3636 INNES ROAD OTTAWA ON	ESE/129.8	-1.08	<u>22</u>
			Well ID: 7265308			
<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			
_				505/440.0	1.00	07
<u>7</u>	WWIS		ON	ESE/142.2	-1.08	<u>27</u>
			Well ID: 7392902			
8	WWIS			E/142.7	0.00	28
<u>8</u>	Willo		ON		0100	=
			Well ID: 7392900			
<u>9</u>	WWIS		3604 INNEG RD lot 4 con 3 ON	ESE/143.0	0.00	<u>29</u>
			Well ID: 7341999			
<u>10</u>	WWIS		3636 Innes Rd Orleans ON	SE/156.7	-1.00	<u>30</u>
			Well ID: 7343048			
<u>11</u>	WWIS		3636 INNES ROAD OTTAWA ON	ESE/181.5	-0.28	<u>33</u>
			Well ID: 7265307			
<u>12</u>	WWIS		ON	ESE/186.3	-1.00	<u>36</u>
			Well ID: 7392899			
<u>13</u>	EHS		245/275 ave de lamarche Ottawa ON K1W 1H2	W/189.1	0.00	<u>37</u>

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>	Direction	<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>	Direction	<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	<u>Address</u>	Direction	<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	<u>Address</u>	Direction	<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>	Direction	Distance (m)	<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>	Direction	Distance (m)	<u>Map Key</u>
GLENVIEW HOMES (INNES) LTD.	3610 INNES ROAD ON Ottawa ON	-	0.00	1
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.

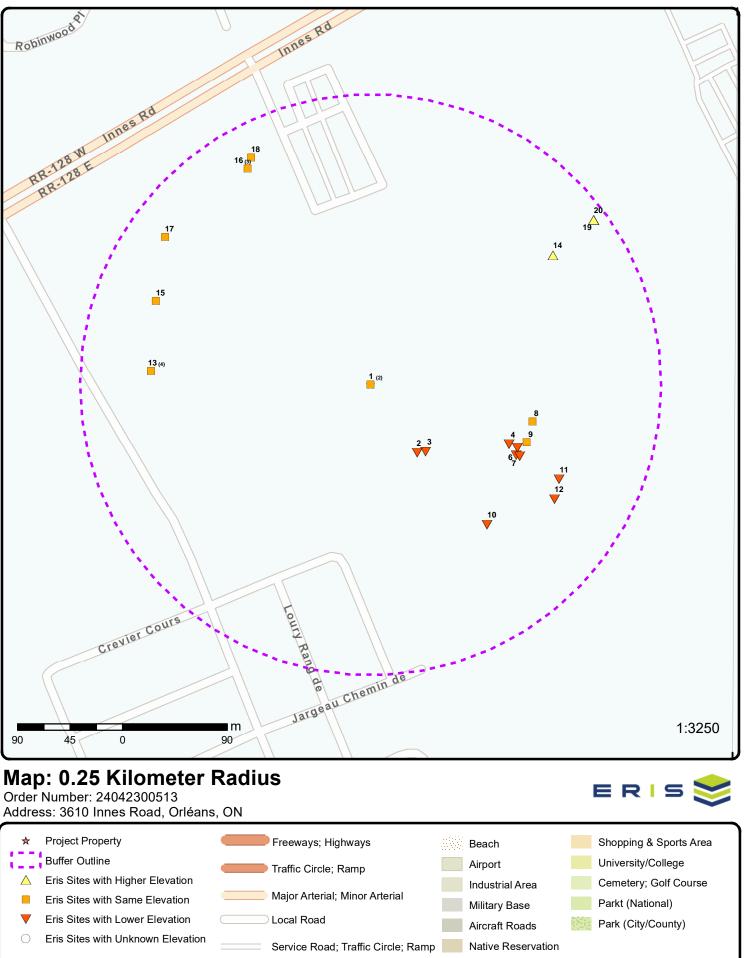
Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
		E	142.71	8
	ON			_
	Well ID: 7392900			

Equal/Higher Elevation	<u>Address</u>	Direction	Distance (m)	<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>
	Well ID: 1501402			
	3604 innes road lot 4 con 3 Ottawa ON	NW	220.88	<u>18</u>
	Well ID: 7347161			
	lot 4 con 3 ON	ENE	238.49	<u>19</u>

Well ID: 1501409

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

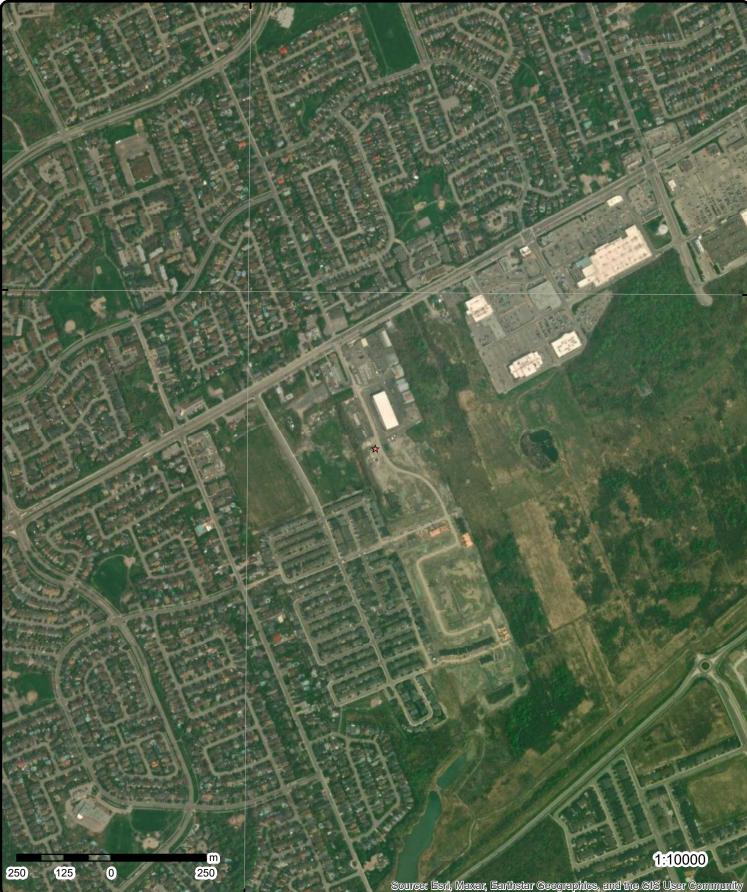


Source: © 2021 ESRI StreetMap Premium.

Rail

© ERIS Information Limited Partnership

Hospital



75°31'30"W

Aerial Year: 2023

Address: 3610 Innes Road, Orléans, ON

Source: ESRI World Imagery

Order Number: 24042300513



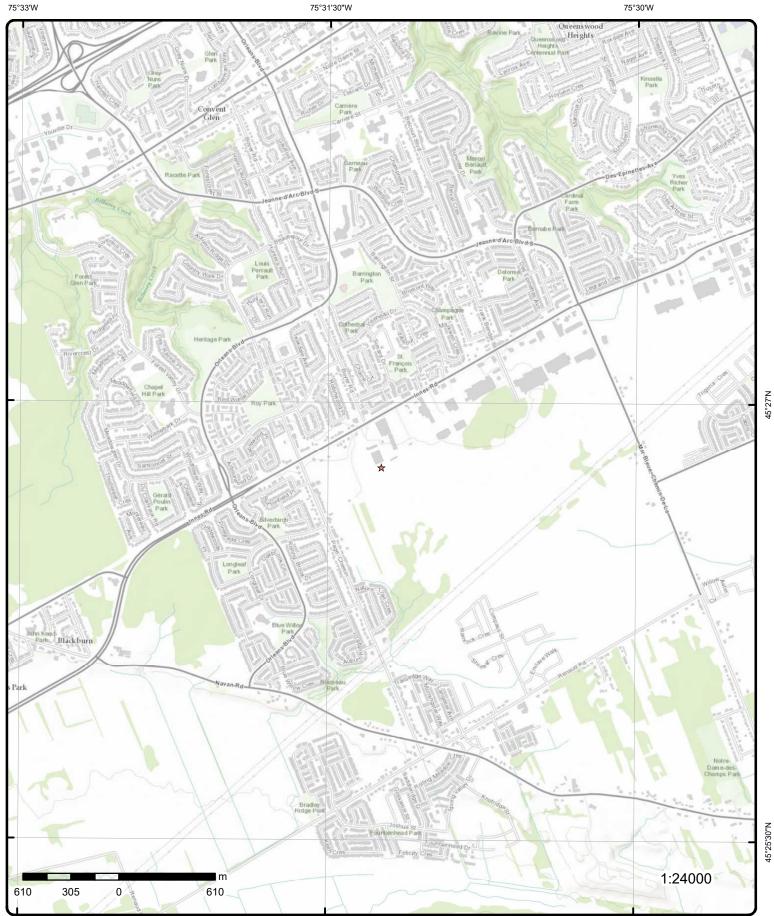
45°27'N

© ERIS Information Limited Partnership



45°27'N

45°25'30"N



Order Number: 24042300513



Address: 3610 Innes Road, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Мар Кеу	Number Record		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	,	RSC
RSC No:		227583			Х:	-75.51855077033797	
RA No:					Y:	45.443785206332315	
Status:		FILED			Latitude:	45.44378521	
Filing Date:					Longitude: UTM Coordinates:	-75.51855077	
Date Ack: Date Returne	ad.				Latitude Longitude:		
Approval Date		February 1	7, 2021		Accuracy Estimate:		
Cert Date:		i condary i	,		Measurement Method:		
Cert Prop Us	e No:				Mailing Address:		
Curr Propert	y Use:				Telephone:		
Intended Pro	op Use:				Fax:		
Restoration	Туре:				Email:		
Soil Type:					Postal Code:	K1C 1T1	
Criteria:	A /\-				Ministry District:	0#000	
Stratified (Y/ Audit (Y/N):	N):				MOE District: SWP Area Name:	Ottawa Rideau Valley	
Entire Leg Pi	ron				Qual Person Name:	CAROLYN ADAMS	
(Y/N):	p.					0,	
CPÚ Issu Se	ct 1686:				Consultant:		
Business Nar	me:		LENVIEW HOME	· · ·			
Address:		3	610 INNES ROAD	ON			
Legal Desc:		0	4404 4042 (IT)				
Site Pin: Asmt Roll No		0					
	-		4404-1912 (LT)				
Project Type:		P	OST2011 SC based on Phas	se One and Two E	SAs		
Project Type: Approval Typ	e:	P	OST2011	se One and Two E	SAs		
Project Type: Approval Typ Applicable St	e:	P R	OST2011 SC based on Phas			ocument.action?documentRefID:	=227583
Asint Roin No Project Type: Appricable St Pdf Link: <u>1</u>	e:	P R	OST2011 SC based on Phas				=227583 ECA
Project Type: Approval Typ Applicable St Pdf Link: <u>1</u>	e: tandards: 2 of 2	P R h	OST2011 SC based on Phas ttps://www.accesse -/0.0	environment.ene.ç	gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3	es) Ltd.	
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Project Type: Approval Typ Applicable St Pdf Link: <u>1</u> Approval No. Approval Dat Status: Record Type Link Source:	tandards: 2 of 2 : te:	4837-CFLP July 3, 202: Approved ECA IDS	OST2011 SC based on Phas ttps://www.accesse -/0.0	environment.ene.ç	gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3 MOE District: City: Longitude: Latitude: Geometry X:	es) L<i>td.</i> Ottawa -8407083.9419999998	
Project Type: Approval Typ Applicable St Pdf Link: <u>1</u> Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na	tandards: 2 of 2 : te: ame:	4837-CFLP July 3, 2022 Approved ECA IDS Rideau Vali	POST2011 SC based on Phas ttps://www.accesse -/0.0	environment.ene.(gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	es) L<i>td.</i> Ottawa	
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Project Type: Approval Typ Applicable St Pdf Link: 1 Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type: Business Nar Address: Full Address: Full Address:	2 of 2 : tandards: 2 of 2 : te: ame: : me: : :	4837-CFLP July 3, 2022 Approved ECA IDS Rideau Vall E M G 3 h T	POST2011 SC based on Phas ttps://www.accesse -/0.0 PU5 2 CA-MUNICIPAL AND P Slenview Homes (Ir 610 Innes Rd ttps://www.accesse he Common	environment.ene.(88.9 / 0.00 ND PRIVATE SE RIVATE SEWAG nnes) Ltd.	gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS	es) Ltd. Ottawa -8407083.9419999998 5692432.389700003	
Project Type: Approval Typ Applicable St Pdf Link: <u>1</u> Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type: Business Nar Address: Full Address:	2 of 2 : tandards: 2 of 2 : te: ame: : me: : :	4837-CFLP July 3, 2022 Approved ECA IDS Rideau Vall E M G 3 h T 3	POST2011 SC based on Phas ttps://www.accesse -/0.0 PU5 2 CA-MUNICIPAL AND P Slenview Homes (Ir 610 Innes Rd ttps://www.accesse he Common 610 Innes Road	environment.ene.(88.9 / 0.00 ND PRIVATE SE' RIVATE SEWAG Innes) Ltd. environment.ene.(gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS	es) Ltd. Ottawa -8407083.9419999998 5692432.389700003	
Project Type: Approval Typ Applicable St Pdf Link: 1 Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type: Business Nar Address: Full Address: Full Address:	2 of 2 : tandards: 2 of 2 : te: ame: : me: : :	4837-CFLP July 3, 2022 Approved ECA IDS Rideau Vall G 3 h T 3 S P	POST2011 SC based on Phas ttps://www.accesse -/0.0 PU5 2 CA-MUNICIPAL AND P Slenview Homes (Ir 610 Innes Rd ttps://www.accesse he Common	environment.ene.(88.9 / 0.00 ND PRIVATE SE ^V RIVATE SEWAGE ines) Ltd. environment.ene.(ession 3	gov.on.ca/AEWeb/ae/ViewDo Glenview Homes (Inno 3610 Innes Rd Ottawa ON K2P 2R3 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS	es) Ltd. Ottawa -8407083.9419999998 5692432.389700003	

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (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 Si Water Type: Casing Mate Audit No: Tag: Construct In Elevation (m Elevation (m Elevation (m Elevation Relia Depth to Ben Well Depth: Overburden, Pump Rate: Static Water Clear/Cloud Municipality Site Info:	tatus: prial: Method: n): abilty: drock: /Bedrock: r Level: y:	0	g and Test Hole g and Test Hole GLOUCESTER TO	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	06/17/2016 TRUE 7241 7 OTTAWA-CARLETON	
			GLOUCESTER TO	WNSHIP	UIM Reliability:		

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

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Most Commo Mat2:	on Material:	GRAVEL			
Mat2 Desc:					
Mat2:		77			
Mat3 Desc:		LOOSE			
Formation To	op Depth:	0.0			
Formation Er	nd Depth:	0.3100000023841858	3		
	nd Depth UOM:	m			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID);	1006125429			
Layer:		3			
Color:		2			
General Colo	or:	GREY			
Mat1:		05			
Most Commo	on Material	CLAY			
Mat2: Mat2 Desc:	, matoriali	02			
Mat2 Dese. Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	on Denth:	1.5199999809265137	7		
Formation Er	nd Denth:	3.0999999046325684			
	nd Depth UOM:	m	-		
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	1006125428			
Layer:		2			
Color:		6			
General Colo	or:	BROWN			
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	op Depth:	0.310000023841858	3		
Formation Er		1.5199999809265137	7		
	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID		1006125430			
Layer:	-	4			
Color:		2			
General Colo	or:	GREY			
Mat1:		17			
Most Commo	on Material:	SHALE			
Mat2:		-			
Mat2 Desc:					
Mat3:		92			
Mat3 Desc:		WEATHERED			
Formation To	op Depth:	3.0999999046325684	1		
Formation Er	nd Depth:	4.570000171661377			
	nd Depth UOM:	m			
Annular Space	ce/Abandonment				
Sealing Reco					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1006125441 3 1.220000028610229 4.570000171661377 m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1006125439 1 0.0 0.310000002384185 m	58		
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1006125440 2 0.310000002384189 1.220000028610229 m			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction Code:	1006125438 5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006125426 0			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	1006125434 1 5 PLASTIC 0.0 1.519999980926513 4.03000020980835 cm m	37		
<u>Construction</u>	n Record - Screen				
Screen ID: Layer: Slot:		1006125435 1 10			

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

Мар Кеу	Number Records		Direction/ Distance (r	Elev/Diff n) (m)	Site		DB
Screen Diame Screen Diame			cm 4.82000017166	1377			
Water Details	I						
Water ID: Layer: Kind Code: Kind:			1006125433				
Water Found Water Found		И:	m				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete			1006125431 11.4300003051 0.0 3.09999990463 m cm				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete			1006125432 7.619999885555 3.09999990463 4.57000017166 m cm	25684			
<u>Links</u>							
Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path:	ted:	10060648 4.57 2016 05/02/20 ⁷ Z229831 726\7265	16		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 Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevation (m) Elevation Relia Depth to Bed Well Depth: Overburden/H Pump Rate: Static Water I Clear/Cloudy.	atus: ial: lethod: : bilty: irock: 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	
<i>Municipality:</i> Site Info:			GLOUCESTER	TOWNSHIP			

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Bore Hole Information

Bore Hole ID: 1008718057 DP2BR: Spatial Status: Code OB: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 06/25/2021 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		ecord	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459331.00 5032603.00 UTM83 4 margin of error : 30 m - 100 m wwr		
<u>Links</u>						
Bore Hole Depth M: Year Comp Well Comp Audit No: Path:	oleted:	1008718057 2021 06/25/2021 Z361188		Tag No: Contractor: Latitude: Longitude: Y: X:	7241 45.4457676525986 -75.5200522767759 45.445767645783164 -75.52005211511981	
<u>4</u>	1 of 1	ESE/129.8	87.8 / -1.08	3636 INNES ROAD OTTAWA ON		I
Well ID: Constructi Use 1st: Use 2nd: Einal Wall		7265308 Monitoring and Test Hole 0 Monitoring and Test Hole		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Data Received:	06/17/2016	

Use 1st:	Monitoring and Test Hole	Data 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:	Z222235	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	-	

PDF URL (Map):

Site Info:

Additional Detail(s) (Map)

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

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WWIS

Path:

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	1006064840	Elevation: Elevrc: Zone: East83: North83: Org CS:	18 459403.00 5032609.00 UTM83
Cluster Kind: Date Completed: Remarks:	06/02/2016	UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comr Supplier Comment:	Source: Method:	Location Method.	vv vv i
Overburden and Bedro	ock		

<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

Formation ID:	1006125343
Layer:	2
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Mat1:		05			
Most Commo	n Material:	CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:	n Danéhi	SOFT			
Formation To		0.310000023841858			
Formation En Formation En	d Depth UOM:	m)		
<u>Overburden a</u> Materials Inte					
Formation ID:		1006125345			
Layer:		4			
Color:		2 CDEV			
General Color	:	GREY 17			
Mat1: Most Commo	n Material:	SHALE			
Most Commo Mat2:		OHALL			
Mat2 Desc:					
Mat3:		92			
Mat3 Desc:		WEATHERED			
Formation To		3.3499999046325684	Ļ		
Formation En	d Depth:	4.570000171661377			
Formation En	d Depth UOM:	m			
Annular Spac Sealing Recol	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1006125354			
Layer: Plug From:		1 0.0			
Plug To:		0.310000023841858	2		
Plug Depth U	ОМ:	m	,		
<u>Annular Spac</u> Sealing Recol	e/Abandonment_ rd				
Plug ID:		1006125355			
Layer:		2			
Plug From:		0.100000014901161	2		
Plug To:		1.2200000286102295			
Plug Depth U	ОМ:	m			
Annular Spac Sealing Recol	<u>e/Abandonment</u> r <u>d</u>				
Plug ID:		1006125356			
Layer:		3			
Plug From:		1.2200000286102295	•		
Plug To: Plug Depth U	ОМ:	4.570000171661377 m			
Method of Co	nstruction & Well				
<u>Use</u>					
Method Const		1006125353			
	truction Code:	5 Air Danausaian			
Method Const		Air Percussion			
uthar Mathad	Construction:				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe Informat	tion				
Pipe ID: Casing No: Comment: Alt Name:		1006125341 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1006125349 1 5 PLASTIC 0.0 3.099999904632568 4.03000020980835 cm m	34		
Construction	Record - Screen				
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater Screen Depth Screen Diame Screen Diame	Depth: rial: n UOM: eter UOM:	1006125350 1 10 3.099999904632568 4.570000171661377 5 m cm 4.820000171661377	7		
Water Details	Ē				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		1006125348 m			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006125346 11.43000030517578 0.0 0.310000002384185 m cm			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1006125347 7.619999885559082 0.310000002384185 4.570000171661377 m cm	58		
<u>Links</u>					

Depth M: Year Completed: Well Completed Dt: Audit No: Path:	1006064840 4.57 2016 06/02/2016 Z222235 726\7265308.pdf	Tag No: Contractor: Latitude: Longitude: Y: X:	A168724 7241 45.4458258456959 -75.519132114733 45.4458258386161 -75.51913195310854	
5 <u>1 of 1</u>	ESE/137.5	87.8 / -1.08 ON		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 (m): Elevation (m): Elevation (m): Elevation (m): Construction Method: Well Depth: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Wate: Level: Clear/Cloudy: Municipality: Site Info:	7392903 Z361200 A272506 GLOUCESTER TOW	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 7241 7 OTTAWA-CARLETON	
Bore Hole Information				
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	1008718054 06/25/2021	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459410.00 5032606.00 UTM83 4 margin of error : 30 m - 100 m	
Remarks: Loc Method Desc: Elevrc Desc: Location Source Date. Improvement Location Improvement Location Source Revision Com. Supplier Comment:	Source: Method:	<i>Location Method:</i> d	wwr	
<u>Links</u>	1008718054	Tag No: Contractor: Latitude:	A272506 7241 45.445799249912 -75.51904235864	
<u>Links</u> Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path:	2021 06/25/2021 Z361200	Longitude: Y: X:	45.44579924298891 -75.51904219707065	
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:	06/25/2021	Y:		wwis

	Record	s	Distance (m) (m)			D
Construction	Date:				Flow Rate:		
Use 1st:					Data Entry Status:	Yes	
Use 2nd:					Data Src:		
Final Well Sta	atus:				Date Received:	07/26/2021	
Nater Type:					Selected Flag:	TRUE	
Casing Mater	rial:				Abandonment Rec:	Yes	
Audit No:		Z361199			Contractor:	7241	
Tag:					Form Version:	7	
Constructn M	lethod:				Owner:	-	
Elevation (m)					County:	OTTAWA-CARLETON	
Elevatn Relia					Lot:	of many of a left of t	
Depth to Bed					Concession:		
Vell Depth:	nock.				Concession Name:		
Overburden/E	Bodrock:						
	Deurock.				Easting NAD83:		
Pump Rate:					Northing NAD83:		
Static Water L					Zone:		
Clear/Cloudy:		_			UTM Reliability:		
Municipality:	•	G	GLOUCESTER T	OWNSHIP			
Site Info:							
Bore Hole Inf	formation						
Bore Hole ID:	:	100871804	8		Elevation:		
DP2BR:					Elevrc:		
Spatial Status	s:				Zone:	18	
Code OB:					East83:	459409.00	
					North83:	5032600.00	
Code OB Des	SC.				0.00	UTM83	
	SC:					011003	
Open Hole:					Org CS: UTMRC:		
Open Hole: Cluster Kind:	:	06/25/2021			UTMRC:	4	
Code OB Des Open Hole: Cluster Kind: Date Complet Remarks:	:	06/25/2021			UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks:	: eted:			ecord	UTMRC:	4	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D	: ted: Desc:		on Water Well Re	ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method E Elevrc Desc:	: hted: Desc:			ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method E Elevrc Desc: Location Sou	: hted: Desc: urce Date:	o		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement	: hted: Desc: urce Date: t Location S	o Source:		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method L Elevrc Desc: Location Sou Improvement Improvement	: eted: Desc: urce Date: t Location S t Location I	o Source: Method:		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Improvement Source Revis	: oted: Desc: urce Date: t Location I t Location I sion Comm	o Source: Method:		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method L Elevrc Desc: Location Sou Improvement Mprovement Source Revis	: oted: Desc: urce Date: t Location I t Location I sion Comm	o Source: Method:		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method E Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	: oted: Desc: urce Date: t Location I t Location I sion Comm	o Source: Method:		ecord	UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method E Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	: hted: Desc: Irce Date: t Location I t Location I sion Comm nment:	o Source: Method:	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID:	: hted: Desc: Irce Date: t Location I t Location I sion Comm nment:	o Source: Method: ent:	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method: Tag No:	4 margin of error : 30 m - 100 m	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M:	: hted: Desc: t Location S t Location I sion Comm nment:	o Source: Method: ent: 100871804	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method: Tag No: Contractor:	4 margin of error : 30 m - 100 m wwr 7241	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet	: hted: Desc: t Location S t Location I sion Comm nment: :	o Source: Method: ent: 100871804 2021	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou mprovement mprovement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet	: hted: Desc: t Location S t Location I sion Comm nment: :	0 Source: Method: ent: 100871804 2021 06/25/2021	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Well Complet Audit No:	: hted: Desc: t Location S t Location I sion Comm nment: :	o Source: Method: ent: 100871804 2021	on Water Well Re	ecord	UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method L Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Audit No: Path:	: hted: Desc: t Location S t Location I sion Comm nment: :	0 Source: Method: ent: 100871804 2021 06/25/2021	on Water Well Re	ecord 87.8 / -1.08	UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Well Complet Audit No:	: ted: Desc: Urce Date: t Location S t Location S ision Comm nment: : : ted Dt:	0 Source: Method: ent: 100871804 2021 06/25/2021	on Water Well Re		UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778	ww
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Audit No: Path:	: ted: Desc: Urce Date: t Location S t Location S ision Comm nment: : : ted Dt:	0 Source: Method: ent: 100871804 2021 06/25/2021 Z361199	on Water Well Re		UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y: X: ON	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778	ww
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path: 7 Well ID:	: ted: Desc: t Location S t Location I sion Comm nment: : : ted Dt: 1 of 1	0 Source: Method: ent: 100871804 2021 06/25/2021	on Water Well Re		UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y: X: ON Flowing (Y/N):	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778	
Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D Elevrc Desc: Location Sou Improvement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path: 7 Well ID: Construction	: ted: Desc: t Location S t Location I sion Comm nment: : : ted Dt: 1 of 1	0 Source: Method: ent: 100871804 2021 06/25/2021 Z361199	on Water Well Re		UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y: X: ON Flowing (Y/N): Flow Rate:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778 -75.51905448782087	ww
Dpen Hole: Cluster Kind: Date Complet Remarks: Loc Method I Elevrc Desc: Location Sou mprovement Source Revis Supplier Com Links Bore Hole ID: Depth M: Year Complet Audit No: Path: T Nell ID: Construction Use 1st:	: ted: Desc: t Location S t Location I sion Comm nment: : : ted Dt: 1 of 1	0 Source: Method: ent: 100871804 2021 06/25/2021 Z361199	on Water Well Re		UTMRC: UTMRC Desc: Location Method: Tag No: Contractor: Latitude: Longitude: Y: X: ON Flowing (Y/N): Flow Rate: Data Entry Status:	4 margin of error : 30 m - 100 m wwr 7241 45.445745186697 -75.5190546502688 45.4457451800778	ww
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Order No: 24042300513

Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:			Concession:		
Site Info:	GLOUCESTER	TOWNSHIP	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:	1008718051		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 459412.00 5032599.00 UTM83 4	
Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	Method:	Record	UTMRC Desc: Location Method:	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		wwi:
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:	7392900 Z361190		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

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Loc Method De Elevrc Desc: Location Sourd Improvement L Improvement L Source Revisio Supplier Comm	ed: esc: ce Date: Location S Location N on Comme	ource: lethod:	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>							
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<u>9</u> 1	1 of 1		ESE/143.0	88.9 / 0.00	3604 INNEG RD lot 4 ON	l con 3	ww
Vell ID: Construction E Jse 1st: Jse 2nd: Final Well State Vater Type: Casing Materia Audit No: Fag: Constructn Me Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Static Water Le Clear/Cloudy: Municipality: Site Info: PDF URL (Map)	tus: al: ethod: ilty: ock: edrock: evel:	Abandoned	and Test Hole I-Other	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 Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/23/2019 TRUE Yes 7421 7 OTTAWA-CARLETON 004 03 OF	
Additional Deta	ail(s) (Map	D)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		2 4	6/21/2019 019 5.445844718964 75.518940475958				

Number of Records	Direction/ Distance (m	Elev/Diff) (m)	Site		Di
ormation					
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ment:	<u>əll</u>				
ruction ID: ruction Code: ruction: Construction:	1008000349 B Other Method HAND				
ed: 2019 ed Dt: 06/2	9 1/2019		Tag No: Contractor: Latitude: Longitude: Y: X:	7421 45.4458447189645 -75.5189404759584 45.44584471185676 -75.51894031377437	
1 of 1	SE/156.7	87.9 / -1.00	3636 Innes Rd Orleans ON		wwi
Date: Mon tus: Obs al: Z31:	itoring ervation Wells 5217		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:	09/18/2019 TRUE 6964 7 OTTAWA-CARLETON	
	Records Immation 1007 Immation 1007 Immation 1007 Immation Immatio	Records Distance (m) rmation 1007658400 :: 1007658400 :: 06/21/2019 esc: on Water Well Re Location Source: Location Method: Location Method: on Water Well Re Ce Date: 1008000349 Location Method: B ruction ID: 1008000349 ruction Code: B ruction Code: B ruction: Other Method Construction: HAND add: 2019 add Dt: 06/21/2019 Z311292 Z311292 1 of 1 SE/156.7 Date: 7343048 Monitoring tus: Observation Wells al: Z315217 A272506 ethod:	Records Distance (m) (m) rmation 1007658400 ::::::::::::::::::::::::::::::::::::	Records Distance (m) (m) rmation 1007658400 Elevation: Elevre: Zone: East83: Worth83: Org CS: UTMRC: UTMRC Desc: Location Method: on Comment: ment: ed: 06/21/2019 UTMRC Desc: Location Method: on Comment: ment: istruction & Well ruction ID: 1008000349 ruction Code: istruction & Well ruction ID: 1008000349 ruction: ruction ID: 1008000349 ruction: of 1 SE/156.7 87.9 / -1.00 3636 Innes Rd Orleans ON of 1 SE/156.7 87.9 / -1.00 3636 Innes Rd Orleans ON of 1 SE/156.7 87.9 / -1.00 3636 Innes Rd Orleans ON of 1 SE/156.7 87.9 / -1.00 3636 Innes Rd Orleans ON of 1 SE/156.7 87.9 / -1.00 3636 Innes Rd Orleans ON of 2019 Za11292 vis: Observation Wells bate Received: Selecter Flag: Selecter Flag: vis: Observation Wells bate Received: Selecter Flag: Selecter Flag: vis: Contractor: vis: Contractor: vis: Contractor: vis: Contractor: vis: Contractor: vis: Contra	Records Distance (m) (m) tmatilion 1007658400 Elevation:: Elevation:: Zone: 20ne: 20ne: 20ne: 20ne: 18 Elevation: 20ne: 0332611.00 North83: 503261.00 North83: 503261.00 North83: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 North84: 503261.00 Nort

PDF URL (Map):

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Additional De	etail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		08/28/2019 2019 3.6066984 45.4452036824972 -75.519369367009				
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR:		58493		Elevation: Elevrc:		
Spatial Statu: Code OB: Code OB Des Open Hole:				Zone: East83: North83: Org CS:	18 459384.00 5032540.00 UTM83	
Cluster Kind: Date Comple Remarks:	ted: 08/28/2			UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
Improvement	rce Date: Location Source: Location Method: ion Comment:	on Water Well Reco	ra			
<u>Overburden a</u> Materials Inte						
Formation ID	:	1008065867				
Color: General Colo	r:	1 6 BROWN 28				
Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc:		6 BROWN 28 SAND 05 CLAY 85				
Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er	on Material: op Depth:	6 BROWN 28 SAND 05 CLAY)			
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Annular Space/Aband Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: Annular Space/Aband Sealing Record Plug ID: Layer: Plug From: Plug To: Plug To: Plug Depth UOM: Method of Construction Method Construction Method Construction Method Construction Method Construction Method Construction Method Construction Method Construction Method Construction Method Construction Pipe ID: Casing No: Comment: Alt Name:	100806 2 5.83300 11.8330 ft donment 100806 1 0.0 5.83300 ft	00183105469 000183105469		
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Plug From: Plug To: Plug Depth UOM: Annular Space/Aband Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction</u> Method Construction Method Construction Method Construction Other Method Constru- Pipe Information Pipe ID: Casing No: Comment: Alt Name:	5.83300 11.8330 ft 100806 1 0.0 5.83300 ft	000183105469 6498		
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Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction</u> <u>Method Construction</u> Method Construction Method Construction Method Construction Method Construction Pipe Information Pipe ID: Casing No: Comment: Alt Name:	100806 1 0.0 5.83300 ft			
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Layer: Plug From: Plug To: Plug Depth UOM: <u>Method of Construction</u> <u>Method Construction</u> Method Construction Method Construction Other Method Constru- <u>Pipe Information</u> Pipe ID: Casing No: Comment: Alt Name:	1 0.0 5.83300 ft			
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Other Method Constru- <u>Pipe Information</u> Pipe ID: Casing No: Comment: Alt Name:				
<u>Pipe Information</u> Pipe ID: Casing No: Comment: Alt Name:		d		
Pipe ID: Casing No: Comment: Alt Name:	ruction:			
Casing No: Comment: Alt Name:				
Comment: Alt Name:	100806	5337		
Alt Name:	0			
Construction Record				
	- Casing			
Casing ID:	100806	7299		
Layer:	1			
Material:	5			
Open Hole or Materia	I: PLASTI	С		
Depth From:	0.0			
Depth To:		0183105469		
Casing Diameter:		99618530273		
Casing Diameter UON				
Casing Depth UOM:	ft			
Construction Record	- Screen			
Screen ID:	100806	7568		
Layer:	1			
Slot:	10			
Screen Top Depth:		0183105469		
Screen End Depth:		00183105469		
Screen Material:	5			
Screen Depth UOM:	ft			
Screen Diameter UON Screen Diameter:	M: inch 2.375			
Results of Well Yield	Testing			
	-			
Pumping Test Method Pump Test ID:	n desc:	7001		
rump resciu:	100806			

Мар Кеу	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code:		th: e: ft GPM				
Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	at Method: ration HR:	0				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete		1008066779 8.0 0.0 9.33300018310546 ft Inch	<u>39</u>			
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	69			
<u>Links</u>						
Bore Hole ID: Depth M: Year Comple Well Complet Audit No: Path:	ted: 2 ted Dt: 0	007658493 8.6066984 2019 98/28/2019 2315217		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		WWI
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn IN Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/I Pump Rate:	Date:	7265307 Monitoring and Test Hole Monitoring and Test Hole 7229832 A178468		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	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		L
Static Water L Clear/Cloudy: Municipality: Site Info:		GLOUCESTER TO	WNSHIP	Zone: UTM Reliability:		
PDF URL (Maj	p):					
Additional De	etail(s) (Map)					
		06/02/2016				
<i>Nell Complete</i> Year Complete		2016				
Depth (m):		4.11				
Latitude:		45.4455583177513				
Longitude:		-75.518579802882				
Path:						
Bore Hole Info	ormation					
Bore Hole ID: DP2BR:	10060	64837		Elevation: Elevrc:		
Spatial Status	5:			Zone:	18	
Code OB:				East83:	459446.00	
Code OB Dese	c:			North83:	5032579.00	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ted: 06/02/	2016		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
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Loc Method D	Desc:	on Water Well Reco	rd			
Loc Method D Elevrc Desc: Location Sour Improvement Improvement Source Revisi	rce Date: Location Source: Location Method: ion Comment:		rd			
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Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer:	rce Date: Location Source: Location Method. ion Comment: ament: and Bedrock rval	1006125314 1	rd			
Loc Method D Elevrc Desc: Location Sour mprovement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color:	rce Date: Location Source: Location Method: ion Comment: iment: ind Bedrock rval	1006125314 1 6	rd			
Loc Method D Elevrc Desc: Location Sour mprovement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color	rce Date: Location Source: Location Method: ion Comment: iment: ind Bedrock rval	1006125314 1 6 BROWN	rd			
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Commol	rce Date: Location Source: Location Method: ion Comment: ment: ment: <u>and Bedrock</u> <u>rval</u>	1006125314 1 6	rd			
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2:	rce Date: Location Source: Location Method: ion Comment: ment: ment: <u>and Bedrock</u> <u>rval</u>	1006125314 1 6 BROWN 02	rd			
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3:	rce Date: Location Source: Location Method: ion Comment: ment: ment: <u>and Bedrock</u> <u>rval</u>	1006125314 1 6 BROWN 02 TOPSOIL 85	rd			
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc:	rce Date: Location Source: Location Method. ion Comment: ment: ment: <u>and Bedrock</u> <u>rval</u> : r: n Material:	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT	rd			
Loc Method D Elevrc Desc: Location Sour mprovement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2 Mat2 Desc: Mat3 Desc: Formation Toj	rce Date: Location Source: Location Method: ion Comment: iment: <u>Ind Bedrock</u> <u>rval</u> : r: n Material: p Depth:	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation Top	rce Date: Location Source: Location Method: ion Comment: iment: <u>Ind Bedrock</u> <u>rval</u> : r: n Material: p Depth:	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Ent Formation Ent Formation Ent	rce Date: Location Source: Location Method: ion Comment: ment: m <u>ad Bedrock</u> rval r: n Material: n Material: d Depth: d Depth: d Depth: d Depth UOM:	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat3 Desc: Formation Enter Formation Enter Formation Enter Coverburden a <u>Materials Inter</u> Formation ID:	rce Date: Location Source: Location Method: ion Comment: ment: ment: and Bedrock rval r: n Material: p Depth: d Depth: d Depth: d Depth UOM: md Bedrock rval	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185 m				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc: Formation Top Formation Enc Formation Enc Coverburden a <u>Materials Inter</u> Formation ID: Layer:	rce Date: Location Source: Location Method: ion Comment: ment: ment: and Bedrock rval r: n Material: p Depth: d Depth: d Depth: d Depth UOM: md Bedrock rval	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185 m				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2 Sofor: Mat3 Desc: Mat3 Desc: Mat3 Desc: Mat3 Desc: Mat3 Desc: Formation End Formation End Formation End Formation ID: Layer: Color:	rce Date: Location Source: Location Method: ion Comment: iment: ind Bedrock rval r: n Material: p Depth: id Depth: id Depth: id Depth UOM: ind Bedrock rval	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185 m				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2 Desc: Mat3 Desc: Mat3 Desc: Mat3 Desc: Formation Top Formation End Formation End Formation ID: Layer: Color: General Color	rce Date: Location Source: Location Method: ion Comment: iment: ind Bedrock rval r: n Material: p Depth: id Depth: id Depth: id Depth UOM: ind Bedrock rval	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185 m 1006125316 3 2 GREY				
Loc Method D Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc: Formation Top Formation End Formation End Formation ID: Layer: Color:	rce Date: Location Source: Location Method: ion Comment: ment: and Bedrock rval r: n Material: p Depth: d Depth: d Depth UOM: and Bedrock rval :	1006125314 1 6 BROWN 02 TOPSOIL 85 SOFT 0.0 0.310000002384185 m				

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:	Donth	SOFT	F		
Formation Top Formation End	Depth: Depth:	1.220000028610229 4.110000133514404	5		
Formation End		m			
<u>Overburden and</u> <u>Materials Interv</u>					
Formation ID:		1006125315			
Layer:		2			
Color:		6			
General Color: Mat1:		BROWN 05			
Most Common	Material	CLAY			
Mat2:	in a contain	28			
Mat2 Desc:		SAND			
Mat3:		85			
Mat3 Desc:		SOFT	-		
Formation Top		0.310000023841858			
Formation End Formation End		1.220000028610229 m	J		
Annular Space/	Abandonment				
Sealing Record	1				
Plug ID:		1006125325			
Layer:		2			
Plug From:		0.310000023841858			
Plug To:		0.91000026226043	(
Plug Depth UO	<i>vi.</i>	m			
<u>Annular Space/</u> Sealing Record					
Plug ID:		1006125326			
Layer:		3			
Plug From:		0.91000026226043	7		
Plug To:		4.110000133514404			
Plug Depth UO	W:	m			
<u>Annular Space/</u> Sealing Record					
Plug ID:		1006125324			
Layer:		1			
Plug From: Plug To:		0.0 0.3100000023841858	8		
Plug Depth UO	И:	m	5		
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Constru	uction ID:	1006125323			
Method Constru		5			
Method Constru		Air Percussion			
Other Method C	Construction:				
<u>Pipe Informatio</u>	<u>n</u>				

Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff) (m)	Site		DE
Pipe ID: Casing No: Comment: Alt Name:			1006125313 0				
<u>Constructior</u>	n Record - (Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:		1006125319 1 5 PLASTIC 0.0 1.0599999942779 4.030000209808 cm m				
<u>Constructior</u>	n Record - S	Screen					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Diam Screen Diam	Depth: rial: h UOM: neter UOM:		1006125320 1 10 1.059999942779 4.110000133514 5 m cm 4.820000171661	404			
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		M:	1006125318 m				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:		1006125317 11.43000030517 0.0 4.110000133514 m cm				
<u>Links</u>							
Bore Hole ID Depth M: Year Comple Well Comple Audit No: Path:	eted:	10060644 4.11 2016 06/02/20 Z229832 726\7265	16		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	ON		WWIS
		7392899			Flowing (Y/N):		

Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordere	22011900082 C Custom Report 24-JAN-22 19-JAN-22		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>13</u> 1 of 4	W/189.1	88.9 / 0.00	245/275 ave de lamar Ottawa ON K1W 1H2		EHS
<u>Links</u> Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path:	1008718042 2021 06/25/2021 Z361191		Tag No: Contractor: Latitude: Longitude: Y: X:	7241 45.4454050710335 -75.5186295481806 45.445405064223756 -75.51862938543532	
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 Supplier Comment:	1008718042 06/25/2021 on Water Well F : n Source: n Method:	Record	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	18 459442.00 5032562.00 UTM83 4 margin of error : 30 m - 100 m wwr	
Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevatin (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	Z361191 GLOUCESTER	TOWNSHIP	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	

Мар Кеу	Number Records		rection/ stance (m)	Elev/Diff (m)	Site		DB
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered		22011900082 C Custom Report 24-JAN-22 19-JAN-22			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>13</u>	3 of 4	W/1	89.1	88.9 / 0.00	245/275 ave de lamaro Ottawa ON K1W 1H2	che	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In:	ed: e Name: Size:	22011900082 C Custom Report 24-JAN-22 19-JAN-22			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>13</u>	4 of 4	W/1	89.1	88.9 / 0.00	245/275 ave de lamaro Ottawa ON K1W 1H2	che	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	22011900082 C Custom Report 24-JAN-22 19-JAN-22			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>14</u>	1 of 1	ENI	E/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 N Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water	atus: rial: Method:): abilty: frock: Bedrock:	1501402 Domestic 0 Water Supply			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 01/22/1957 TRUE 1632 1 OTTAWA-CARLETON 004 03 OF	

Additional Detail(s) (Map)

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		11/08/1956 1956 32.004 45.4472951801149 -75.5186622143755 150\1501402.pdf				
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des: Open Hole: Cluster Kind: Date Comple: Remarks: Loc Method I Elevrc Desc: Location Sou	s: c: ted: 11/08/19 Desc:	956	M Rel Code 4: ı	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	
Improvement	Location Source: Location Method: ion Comment: iment:					
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: pp Depth:	930991753 1 15 LIMESTONE 0.0 105.0 ft				
<u>Method of Co</u> <u>Use</u>	onstruction & Well					
Method Cons	truction Code:	961501402 1 Cable Tool				
<u>Pipe Informat</u>	tion					
Pipe ID: Casing No: Comment: Alt Name:		10572015 1				
<u>Construction</u>	Record - Casing					
Casing ID:		930039775				

Мар Кеу	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Material:		2 4				
Open Hole or Depth From:	Material:	OPEN HOLE				
Depth To:		105.0				
Casing Diam Casing Diam		2.0 inch				
Casing Dept		ft				
<u>Construction</u>	Record - Cas	ing				
Casing ID:		930039774				
Layer:		1				
Material: Open Hole or	Matorial	1 STEEL				
Depth From:	material.	OTLEL				
Depth To:		12.0				
Casing Diam		2.0				
Casing Diam Casing Dept		inch ft				
ousing Depu						
<u>Results of W</u>	ell Yield Testii	-				
	t Method Des					
Pump Test IL Pump Set At:		991501402				
Static Level:		15.0				
	fter Pumping:					
	ed Pump Dept	t h: 5.0				
Pumping Rat Flowing Rate		5.0				
	ed Pump Rate	:				
Levels UOM:		ft				
Rate UOM:	After Test Cod	GPM /e: 1				
Water State A		CLEAR				
Pumping Tes	t Method:	1				
Pumping Du		0				
Pumping Dui Flowing:	ation MIN:	30 No				
Water Details	1					
Water ID:		933454107				
Layer:		1				
Kind Code:		1				
Kind: Water Found	Denth:	FRESH 105.0				
Water Found		ft				
<u>Links</u>						
Bore Hole ID.		0023445		Tag No:		
Depth M:		2.004		Contractor:	1632	
Year Comple Well Comple		956 1/08/1956		Latitude: Longitude:	45.4472951801149 -75.5186622143755	
Audit No:		.,		Y:	45.447295172635926	
Path:	1	50\1501402.pdf		Х:	-75.51866205160186	
<u>15</u>	1 of 1	WNW/198.2	88.9 / 0.00	GIBSON PATTE	RSON AVENUE ON	RSC

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
					Ottawa ON		
RSC No: RA No:		226598			X: Y:	-75.52249092400625 45.44639984012091	
Status: Filing Date: Date Ack:	_	FILED			Latitude: Longitude: UTM Coordinates:	45.44639984 -75.52249092	
Date Returned Approval Date Cert Date: Cert Prop Use Curr Property Intended Prop	e: No: Use:	April 20, 20	920		Latitude Longitude: Accuracy Estimate: Measurement Method: Mailing Address: Telephone: Fax:		
Restoration Ty Soil Type: Criteria:	-				Email: Postal Code: Ministry District: MOE District:	K1C 1T1 Ottawa	
Stratified (Y/N) Audit (Y/N): Entire Leg Pro (Y/N):					NOE District: SWP Area Name: Qual Person Name:	Rideau Valley TIM ROBERSTON	
CPÚ Issu Sect Business Nan Address:			GIBSON PATTERS(245 LAMARCHE AV		Consultant:		
Legal Desc: Site Pin: Asmt Roll No: Project Type:			94404-1854 (LT), 04 POST2011	404-1855 (LT)			
Approval Type: Approval Type Applicable Sta Pdf Link:		F	SC based on Phas		v.on.ca/AEWeb/ae/ViewDo	ocument.action?documentRefID=226598	
<u>16</u>	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		201812031 C RSC Repor 10-DEC-18 03-DEC-18	rt (Urban)		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .3 -75.521937 45.447993	
Lot/Building S Additional Info	Size:	F	Fire Insur. Maps and	/or Site Plans; City	Directory; Aerial Photos		
<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 Nan Approval Type Project Type: Business Nan	ne: e:	II			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:		
Address: Full Address: Full PDF Link: PDF Site Loca			604 Innes Road	nvironment.ene.go	v.on.ca/instruments/5474-E	3B4P6A-14.pdf	

Map Key Number Records			Elev/Diff (m)	Site		DI
<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.	EASF
Approval No: Status: Date: Record Type Link Source: Project Type. Full Address	:	R-009-6161605354 REGISTERED February 4, 2022 EASR MOFA Water Taking - Construction	Dewatering	MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y:	Ottawa Ottawa 45.44777778 -75.52194444 -8407064.3992999997 5692292.5612000003	
Approval Typ SWP Area Na PDF URL: PDF Site Loc	ame:	EASR-Water Taki Rideau Valley http://www.access 3604 Innes Road Ottawa ON K1C 1	environment.ene.	C C	cument.action?documentRefID=	2568751
<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 Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20190621312 C Standard Report 28-JUN-19 21-JUN-19 Fire Insur. Maps a	nd/or Site Plans; ⁻	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: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Construct n M Elevation (m), Elevation (m), Elevation Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Clear/Cloudy Municipality: Site Info: PDF URL (Ma Additional De Well Complet Year Complet Depth (m):	atus: rial: /ethod:): bbilty: lrock: Bedrock: Bedrock: Level: ': ap): etail(s) (Map ted Date:	2) 10/28/2019 2019	83rdv.cloudfront.n	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	11/15/2019 TRUE Yes 7417 7 OTTAWA-CARLETON 004 03 OF	.pdf
Latitude: Longitude:		45.448036117721 -75.52199131554				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Path:		734\7347161.pdf				
Bore Hole Int	formation					
Bore Hole ID DP2BR: Spatial Statu		13292		Elevation: Elevrc: Zone:	18	
Code OB: Code OB Des Open Hole:	5C:			East83: North83: Org CS:	459181.00 5032856.00 UTM83	
Cluster Kind. Date Comple Remarks:		2019		UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
Improvement			rd			
Source Revis Supplier Con						
<u>Annular Spac</u> Sealing Recc	<u>ce/Abandonment</u> ord					
Plug ID: Layer:		1008258863 1				
Plug From: Plug To: Plug Depth U	IOM:	0.0 24.34000015258789 ft	Э			
Pipe Informa	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1008257973 0				
Construction	n Record - Casing					
Casing ID: Layer: Material:		1008259549 1 1				
Open Hole o Depth From: Depth To: Casing Diam Casing Diam	eter:	STEEL 2.0 6.099999904632568 15.47999954223632 Inch				
Casing Depti		ft				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole ol Depth From: Depth To: Casing Diam Casing Diam	eter:	1008259550 2 4 OPEN HOLE 6.099999904632568 24.34000015258789 15.31999969482427 Inch	Ð			
Layer: Material: Open Hole ol Depth From: Depth To:	eter: eter UOM:	2 4 OPEN HOLE 6.099999904632568 24.34000015258789	Ð			

Well ID:1501409Flowing (Y/N): Flow Rate:Construction Date:Flow Rate:Use 1st:DomesticUse 2nd:00Data Src:1Final Well Status:Water SupplyWater Type:Selected Flag:Casing Material:Abandonment Rec:Audit No:Contractor:Tag:Form Version:Constructin Method:Owner:Elevation (m):County:Elevation (m):Concession:Oph to Bedrock:Concession Name:Overburden/Bedrock:Concession Name:Overburden/Bedrock:Easting NAD83:	Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test ID: 1008259881 Pump Set X: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Recommended Pump Depth: Recommended Pump Rete: Levels UOM: t Secommended Pump Rete: Recommended Pump Rete: Levels UOM: t Meter State After Test: Pumping Duration MR: Pumping Duration	Results of W	ell Yield Te	<u>sting</u>					
Flowing Fase: Lavels UOM: t t Recommended Pump Rete: Lavels UOM: C Recommended Pump Rete: Pumping Duration HR: Pumping Duration Pumping Duratin Pumping Duration	Pump Test IL Pump Set At Static Level: Final Level A Recommend	D: :: After Pumpin led Pump De	ng:	1008259881				
Hole ID: 1008259307 15.319999634824219 Depth From: 0.0 Depth From: 0.1 Depth From: 0.1 Depth Trom: 0.1 Depth Trom: 0.1 Depth Trom: 0.1 Depth Trom: 0.1 Links Inch Bore Hole ID: 1007713292 Depth M: Contractor: Year Completed: 2019 Latitude: 45.4480361177218 Well Completed DI: 10/28/2019 Audit No: Z321107 Y: 45.44803611723872 Path: 734/7347161.pdf Y: 45.44803611723872 Path: 734/7347161.pdf Y: 45.44803611723872 Path: 734/7347161.pdf Y: 45.44803611728872 Path: Tof 1 ENE/28.5 89.9 / 1.00 Not 4 con 3 NN Well D: Inch Use 1st: Domestic Use 1st: Domestic	Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Pumping Dur	te: e: led Pump Ra After Test C After Test: st Method: ration HR:	ate:	GPM				
Diameter: 15.319999694824219 Depth From: 0.0 Depth Tro: 24.34000015258789 Hole Depth UOM: t Hole Depth UOM: t Hole Depth UOM: t Inch Links Bore Hole ID: 1007713292 Pepth M: Contractor: Year Completed: 2019 Longitude: -75.5219913155454 Audit No: Z321107 Year Completed Dt: 10/28/2019 10/28/2019 Longitude: 734/7347161.pdf X: - 75.52199115387644 19 1 of 1 ENE/238.5 89.9 / 1.00 Net ID: 1501409 Flow Rate: Use 1st: Domestic Data Entry Status: 1 Use 1st: Domestic Contractor: 1801 Flow Rate: Selectied Flag: Use 1st: Contractor: 1801 Flow Rate: Contractor: 1801 Use 1st: Contractor: 1801 Grasing Material:	Hole Diamete	er						
Bore Hole ID: 1007713292 Tag No: Depth M: Contractor: 7417 Year Completed: 2019 Latitude: 45.4480361177218 Well Completed Dt: 10/28/2019 Longitude: -75.5219913155454 Audit No: Z321107 Y: 45.44803611123872 Path: 734/7347161.pdf X: -75.52199115387644 19 1 of 1 ENE/238.5 89.9/1.00 lot 4 con 3 ON ON ON Will Vell ID: 1501409 Flowing (Y/N): Construction Date: Domestic Data Entry Status: Use 2nd: 0 Date Src: 1 Final Well Status: Water Supply Date Received: 12/14/1966 Water Type: Contractor: 1801 Tag: Casing Material: Abandonment Rec: Abandonment Rec: Audit No: Contractor: 1801 Tag: Form Version: 1 Construct Method: Contractor: 1801 Elevation (m): <t< td=""><td>Diameter: Depth From: Depth To: Hole Depth U</td><td>JOM:</td><td></td><td>15.319999694824 0.0 24.340000152587 ft</td><td></td><td></td><td></td><td></td></t<>	Diameter: Depth From: Depth To: Hole Depth U	JOM:		15.319999694824 0.0 24.340000152587 ft				
Depth M: Year Completed :: 2019 Contractor: 7417 Well Completed Dt: 10/28/2019 Latitude: 45.4480361177218 Audit No: Z321107 Y: 45.44803611123872 Path: 734\7347161.pdf X: -75.5219913155454 19 1 of 1 ENE/238.5 89.9/1.00 lot 4 con 3 ON WI Well ID: 1501409 Flowing (Y/N): -75.52199115387644 WI Well ID: 1501409 Flowing (Y/N): Flowing (Y/N): VI Construction Date: Domestic Data Entry Status: Use 2nd: 0 Use 1st: Domestic Data Src: 1 12/14/1966 Water Type: Casing Material: Abandonment Rec: Abandonment Rec: Audit No: Contractor: 1801 Tag: Construct Method: Contractor: 1801 Tag: Contractor: 0 Vell ID: Contractor: 1004 Vell ID: Contractor: 1801 Tag: Contractor:	<u>Links</u>							
Well ID:1501409Flowing (Y/N):With Construction Date:Flow Rate:With Construction Date:Flow Rate:With Construct on Data Src:1Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:1Use 2nd:0Data Src:112/14/1966Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Contractor:1801Audit No:Form Version:1Construct nethod:Owner:Elevation (m):County:Owner:County:OTTAWA-CARLETONElevatin Reliabilty:Lot:004Depth to Bedrock:OFWell Depth:Concession Name:OFOF	Depth M: Year Comple Well Comple Audit No:	eted:	2019 10/28/20 Z32110	019 7		Contractor: Latitude: Longitude: Y:	45.4480361177218 -75.5219913155454 45.44803611123872	
Construction Date:Flow Rate:Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:1Final Well Status:Water SupplyDate Received:12/14/1966Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Audit No:Contractor:1801Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatin Reliability:Lot:004Depth to Bedrock:Concession:03Well Depth:Concession Name:OFOverburden/Bedrock:Easting NAD83:	<u>19</u>	1 of 1		ENE/238.5	89.9 / 1.00			WWIS
Static Water Level: Zone: Clear/Cloudy: UTM Reliability: Municipality: GLOUCESTER TOWNSHIP Site Info: Site Info:	Construction Use 1st: Use 2nd: Final Well St. Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m, Elevatin Relia Depth to Bed Well Depth: Overburden// Pump Rate: Static Water Clear/Cloudy Municipality:	atus: rial: Method:): abilty: drock: /Bedrock: Level: /:	Domest 0	ic Supply	DWNSHIP	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:	12/14/1966 TRUE 1801 1 OTTAWA-CARLETON 004 03	

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• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Additional Detail	I <u>(s) (Map)</u>					
Well Completed Year Completed. Depth (m): Latitude: Longitude: Path:		12/07/1966 1966 9.144 45.4475672369795 -75.5182171330062 150\1501409.pdf				
Bore Hole Inforn	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed. Remarks: Loc Method Des		966	M Rel Code 5:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method: margin of error : 100 m - 3	18 459475.80 5032802.00 5 margin of error : 100 m - 300 m p5	
Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme Overburden and	cation Source: cation Method: Comment: ent:					
Materials Interva		000004704				
Formation ID: Layer: Color: General Color: Mat1: Most Common N Mat2: Mat0 Deces	laterial:	930991764 1 15 LIMESTONE				
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation Top D Formation End D Formation End D</i>	Depth:	0.0 30.0 ft				
<u>Method of Const</u> Use	-					
Method Construct Method Construct Method Construct Other Method Co	ction Code: ction:	961501409 7 Diamond				
Pipe Information	!					
Pipe ID: Casing No: Comment: Alt Name:		10572022 1				

Map Key	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	eter:	2.0			
Casing Diam	eter UOM:	inch			
Casing Deptl	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930039788			
Layer:		1			
Material:		1			
Open Hole of Depth From:		STEEL			
Depth To:		8.0			

Depairio.	0.0
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

Water ID: Layer:	933454116 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	Х:	-75.51821697063934

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>20</u>	1 of 1		ENE/238.6	89.9 / 1.00	ON		BORE
Borehole ID):	615224			Inclin FLG:	No	
OGF ID:		215516166	5		SP Status:	Initial Entry	
Status:					Surv Elev:	No	
Type:		Borehole			Piezometer:	No	
Use:					Primary Name:		
Completion	Date:	DEC-1966			Municipality:		
Static Water	r Level:	10.2			Lot:		
Primary Wa	ter Use:				Township:		
Sec. Water	Use:				Latitude DD:	45.447569	
Total Depth	<i>m</i> :	9.1			Longitude DD:	-75.518218	
Depth Ref:		Ground Su	ırface		UTM Zone:	18	
Depth Elev:					Easting:	459476	
Drill Method	1:				Northing:	5032802	
Orig Ground	d Elev m:	91.4			Location Accuracy:		
Elev Reliabi	I Note:				Accuracy:	Not Applicable	
DEM Groun	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	n:	-
Stratum Description:	LIMEST	ONE. GRAVEL. BEDROCK. WHITE. 00060 BEDROCK. 10DROCK. BEDROCK. BEDRO **Note: Many

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:

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

Urban Geology Automated Information System (UGAIS)

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

Horizontal Datum:

Projection Name:

Vertical Datum:

Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level

NAD27 Mean Average Sea Level Universal Transverse Mercator

Source List

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

1

Data Survey

1956-1972

Varies

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	
CA	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	
CA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
СА	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	

СА	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	
CA	R.M. OF OTTAWA-CARLETON	INNES ROAD	GLOUCESTER CITY ON	
СА	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	K0A 1L0
GEN	Glenview Homes (Innes) Ltd	0 Innes Road	Ottawa ON	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	
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WWIS		lot 5	ON	

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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 Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 4959-6K3J3C 2005 12/15/2005 Municipal and Private Sewage Works Approved

Municipal and Private Sewage Works

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

3868-6SGSQG

2006 8/17/2006

Approved

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

<u>Site:</u> 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

CA

Database:

Certificate	#	

3-1487-85-006

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Database: CA

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

<u>Site:</u> REG. MUN. OF OTTAWA-CARLETON 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: 7-0153-85-006 85 3/21/85 Municipal water Approved

<u>Site:</u> R.C. EPISCOPAL CORP. OF OTTAWA 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

<u>Site:</u> REDEEMER ALLIANCE CHURCH 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

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Database: CA

Database: CA

Database:



<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

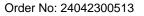
Certificate #: Application Year: Issue Date: Approval Type: Status: 3-0926-91-91 7/3/1991 Municipal sewage Approved



Database: CA

Database:

Database: CA



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

Site: 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 Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

3-0047-90-90 2/16/1990 Municipal sewage Approved

Site: 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

A.J. ROBINSON & ASSOC.INC. BRAM GROUP Site: 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: CA

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

Database: CA

Database: CA

Site:



Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: 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 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

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0358-86-86 8/22/1986 Municipal sewage Approved

	gement of Canada Corporation 3 concession Ottawa ON K0A 1L0			Database: ECA
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	Canada Corporation		
Address:	Lot 5, 2 and 3 concess	ion		
Full Address:				
Full PDF Link:	https://www.accessenv	ironment.ene.gov.on.ca/instruments/26	684-CEYHTR-14.pdf	
PDF Site Location:	Carp Road Modification	าร		
	City of Ottawa, Ontario			

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Database:

Order No: 24042300513

<u>Site:</u> Glenview Homes (Innes) Ltd 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:	

<u>Detail(s)</u>

Waste Class:	221 L
Waste Class Name:	Light fuels

Site: GIBSON PATTERSON 275 LAMARCHE AVENUE ON Ottawa ON RSC No: 226598 RA No: Y: Status: FILED Filing Date: Longitude: Date Ack: UTM Coordinates: Date Returned: Latitude Longitude

Date Returned:		Latitude Longitude:	
Approval Date:	April 20, 2020	Accuracy Estimate:	
Cert Date:		Measurement Method:	
Cert Prop Use No:		Mailing Address:	
Curr Property Use:		Telephone:	
Intended Prop Use:		Fax:	
Restoration Type:		Email:	
Soil Type:		Postal Code:	K1C 1T1
Criteria:		Ministry District:	
Stratified (Y/N):		MOE District:	Ottawa
Audit (Y/N):		SWP Area Name:	Rideau Valley
Entire Leg Prop.		Qual Person Name:	TIM ROBERSTON
(Y/N):			
CPU Issu Sect 1686:		Consultant:	
Business Name:	GIBSON PATTERSON		
Address:	275 LAMARCHE AVENUE ON		
Legal Desc:			
Site Pin:	04404-1854 (LT), 04404-1855 (LT)		
Asmt Roll No:			
Project Type:	POST2011		
Approval Type:	RSC based on Phase One ESA		
Applicable Standards:			
Pdf Link:	https://www.accessenvironment.ene.g	gov.on.ca/AEWeb/ae/ViewD	ocument.action?documentRefID=226598

<u>Site:</u> UNKNOWN GREEN CREEK @ INNES RD. GLOUCESTER CITY ON

Ref No:1Year:Incident Dt:1Dt MOE Arvl on Scn:1MOE Reported Dt:1Dt Document Closed:3Site No:MOE Response:Site County/District:3

133852 11/4/1996 11/4/1996 Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: 20105

-75.52249092400625

45.44639984012091

45.44639984

-75.52249092

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Database:

SPL

Database: GEN

Database:

RSC

Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: Northing: Easting:	GLOUCESTER CITY
Incident Cause:	UNKNOWN
Incident Event:	UNKNOWN
Environment Impact:	POSSIBLE
Nature of Impact:	Water course or lake
Contaminant Qty:	
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	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:	
oun report Localin Geodala.	

<u>Site:</u> Purolator Cour Eastbound Lar	ier ies just east of Innes Rd Ottawa ON	
Ref No: Year:	3071-98NH3R	<i>Municipality No: Nature of Damage:</i>
Incident Dt: Dt MOE Arvl on Scn:	14-JUN-13	Discharger Report: Material Group:
MOE Reported Dt: Dt Document Closed:	14-JUN-13	Health/Env Conseq: Agency Involved:
Site No: MOE Response: Site County/District:	No Field Response	
Site Geo Ref Meth: Site District Office:		
Nearest Watercourse: Site Name:	County Road 174 <unofficial></unofficial>	
Site Address: Site Region:	Eastbound Lanes just east of Innes Rd	
Site Municipality: Site Lot: Site Conc:	Ottawa	
Site Geo Ref Accu: Site Map Datum:		
Northing: Easting:		
Incident Cause: Incident Event:	Collision/Accident	
Environment Impact: Nature of Impact:	Not Anticipated Soil Contamination	
Contaminant Qty: System Facility Addres	12 L s:	

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)	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:	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	
Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u>	Method: pent:			
Formation ID: Layer: Color:	930989112 1 2			

General Color: Mat1: Most Common Material: Mat2: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth	GREY 09 MEDIUM SAND 0.0 15.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	930989114 3 2 GREY 19 SLATE
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	28.0 89.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	930989113 2 11 GRAVEL
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	15.0
Formation End Depth: Formation End Depth UOM:	28.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961500377 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10570992 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material:	930037778 2 4 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:	1520156	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/07/1985
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		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:	10042001	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
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	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:	931043900 2 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	8.0 57.0 ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3:	931043902 4 8 BLACK 17 SHALE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	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: Layer: Material:	930073320 1
Material: Open Hole or Material:	STEEL
Depth From:	SILL
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

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

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10543208	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind: Date Completed:	07/09/2003	UTMRC: UTMRC Desc:	9 unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

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

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Database: WWIS

Overburden and Bedrock Materials Interval

Formation ID:	932925032
Laver:	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 Desc:	932925033 2 GREY 15 LIMESTONE 26 ROCK
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	65.0 210.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932925034 3 6 BROWN 15 LIMESTONE 26 ROCK
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: Pump Test ID:	BAILER 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

934914643
Draw Down
60
160.0
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: Use 1st:	1534040 Not Used	Flowing (Y/N): Flow Rate: Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Other	Date Received:	08/05/2003
Water Type: Casing Material:		Selected Flag: Abandonment Rec:	TRUE
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: Concession Name:	
Well Depth: 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: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location M Source Revision Comment Supplier Comment:	lethod:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na	
Method of Construction	<u>& Well</u>			
Method Construction ID: Method Construction Co Method Construction: Other Method Constructi	de: 0 Not Known			
Pipe Information				
Pipe ID: Casing No: Comment: Als Names	11091725 1			

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Alt Name:

Database:	base:
WWIS	WIS

<u>Site:</u> lot 4 ON			
101 4 UN			
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: Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83: Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	Crim Kendbinky.	
Site Info:			

Bore Hole Information

Site:

Bore Hole ID: DP2BR:	10543154	Elevation: Elevrc:	40
Spatial Status: Code OB:		Zone: East83:	18
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: Layer:	932924907 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
Layer:	3
Color:	2
General Color:	GREY

Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	15 LIMESTONE 73 HARD
Formation Top Depth:	12.0
Formation End Depth:	169.0
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:	932924906 1 6 BROWN 05 CLAY 85 SOFT
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
<i>Open Hole or Material: Depth From: Depth To:</i>	OPEN HOLE
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Static Level:
Final Level After Pumping: 160.0
Recommended Pump Depth: 160.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 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

Water I	D:
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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:

1534037 Domestic Water Supply 263131

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

08/05/2003

OTTAWA-CARLETON

Site Info:

Overburden/Bedrock:

Static Water Level:

Pump Rate:

Clear/Cloudy:

Municipality:

Bore Hole Information

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 UTMRC Desc: Date Completed: 07/10/2003 unknown UTM Remarks: Location Method: na Not Applicable i.e. no UTM Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source:

CUMBERLAND TOWNSHIP

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:	932924898 1 7 RED 05 CLAY 85 SOFT
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 9.0 ft

Overburden and Bedrock

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Database: **WWIS**

Materials Interval

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

Overburden and Bedrock Materials Interval

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

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

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

Method Construction ID: Method Construction Code:	961534037 4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

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

Construction Record - Casing

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

Construction Record - Casing

930098136 2 4 OPEN HOLE
6.0
inch
ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991534037
Static Level:	16.0
Final Level After Pumping:	16.0
Recommended Pump Depth:	45.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934396768
Test Type:	Draw Down
Test Duration:	30
Test Level:	16.0
Test Level UOM:	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:	40
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:			

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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

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932905480 2 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: Laver:	933236220 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

Casing ID:	930097424
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	290.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930097423 1 1
Open Hole or Material: Depth From:	STEEL
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:	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: Construction Date:	1533667	Flowing (Y/N): 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/Cloudy:		UTM Reliability:	

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10537501	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 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			

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

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932905478 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	5.0 455.0 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
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 5.0 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 Test ID: Pump Set At:	PUMP 991533667
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:

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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10516919	Elevation: Elevrc: Zone: East83: North83: Orth83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	10/08/2001	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location	Not Applicable i.e. no UTM		

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: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	932832929 2 GREY 15 LIMESTONE 73
Mat2 Desc: Mat3:	HARD
Mat3 Desc:	4.0
Formation Top Depth:	
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: Mat3:	HARD
Mat3 Desc: Formation Top Depth:	135.0
Formation End Depth:	200.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Mat2: Mat2 Desc: Mat3:	73 HARD
Mat3 Desc:	
Formation Top Depth:	200.0
Formation End Depth:	256.0
Formation End Depth UOM:	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: Other Method Construction:	Rotary (Air)

Pipe Information

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

C	l

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:	1532284	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/17/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	232367	Contractor:	1414
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: Spatial Status:	10516734	Elevation: Elevrc: 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: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

Overburden and Bedrock Materials Interval

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932832368 1 6 BROWN 05 CLAY 66 DENSE
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 10.0 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: Mat3:	SOFT
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	10.0 225.0 ft
Overburden and Bedrock Materials Interval	
Formation ID:	932832371
Layer:	4
Color:	2
Color: General Color:	2 GREY
	-
General Color:	GREY
General Color: Mat1:	GREY 15
General Color: Mat1: Most Common Material:	GREY 15 LIMESTONE
General Color: Mat1: Most Common Material: Mat2:	GREY 15 LIMESTONE 26 ROCK 71
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	GREY 15 LIMESTONE 26 ROCK
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	GREY 15 LIMESTONE 26 ROCK 71

245.0

ft

Overburden and Bedrock Materials Interval

Formation End Depth UOM:

Formation End Depth:

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

Annular Space/Abandonment

Sealing Record

Plug ID:	933219734
Layer:	1
Plug From:	0.0
Plug To:	25.0
Plug Depth UOM:	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:	930094527 2
<i>Open Hole or Material: Depth From: Depth To:</i>	
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch 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: Layer: Material:	930094528 3
Open Hole or Material: Depth From: Depth To:	
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	PUMP 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:	1531370 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:	1 09/07/2000 TRUE
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:	220232 CUMBERLAND TOWNSHIP	Abandonment Rec: 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:	10052904	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:	08/22/2000	UTMRC:	9
Date Completed:		UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na

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Order No: 24042300513

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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931078295 3 2 GREY 15 LIMESTONE 26 BOCK
Mat3:	ROOK
Mat3 Desc:	07.0
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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931078294 2 GREY 14 HARDPAN 13 BOULDERS
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	18.0 27.0 ft

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

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

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

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

Plug Depth UOM:	ft
Method of Construction & Well Use	

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

Water ID:	933491808
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft
•	

Site:

lot 5 ON

Database: WWIS

Well ID:	1530916	Flowing (Y/N):	
Construction Date: Use 1st:	Domestic	Flow Rate: Data Entry Status:	
Use 2nd:	Domestic	Data Src:	1
Final Well Status:	Water Supply	Date Received:	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:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: 10052450	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB:	East83:
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: Layer: Color:	931076940 2
General Color: Mat1: Most Common Material: Mat2:	15 LIMESTONE
Mat2. Mat2 Desc: Mat3: Mat3 Desc:	
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	37.0 60.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color:	931076939 1
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:	933116087
Layer:	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

Casing ID:	930091618
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930091617 2 1
Open Hole or Material: Depth From:	STEEL
Depth To:	46.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	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 Test ID:	PUMP 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: Final Well Status:	1530720 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received:	1 09/22/1999
Water Type:		Selected Flag: Abandonment Rec:	TRUE
Casing Material: Audit No: Tag: Constructn Method:	210452	Abandonment Rec: 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		

Bore Hole Information

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

Overburden and Bedrock Materials Interval

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

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

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

9 unknown UTM na

Plug ID: Layer:	933115862 1
Plug From:	2.0
Plug To:	40.0
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: Layer: Material:	930091188 3 4
Open Hole or Material: Depth From:	OPEN HOLE
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: Open Hole or Material:	930091186 1 1 STEEL
Depth From:	20.0
Depth To: Casing Diameter:	38.0 9.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

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

101 5 UN		lot 5	ON
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Well ID: Construction Date:	1530690	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/11/1999
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	206742	Contractor:	6006

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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/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10052224	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind: Date Completed:	07/20/1999	UTMRC: UTMRC Desc:	9 unknown UTM
Remarks:	0.720,1000	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
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	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
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	57.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Formation ID:	931076284
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	05.0
Formation Top Depth:	25.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Formation ID:	004070005
i onnation ib.	931076285
Layer:	931076285 4
Layer: Color:	4 2
Layer: Color: General Color:	4 2 GREY
Layer: Color: General Color: Mat1:	4 2 GREY 11
Layer: Color: General Color: Mat1: Most Common Material:	4 2 GREY 11 GRAVEL
Layer: Color: General Color: Mat1: Most Common Material: Mat2:	4 2 GREY 11 GRAVEL 85
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	4 2 GREY 11 GRAVEL
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	4 2 GREY 11 GRAVEL 85
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	4 2 GREY 11 GRAVEL 85 SOFT
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	4 2 GREY 11 GRAVEL 85 SOFT 50.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	4 2 GREY 11 GRAVEL 85 SOFT 50.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To: Plug To: Plug Depth UOM: Method of Construction & Well	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft 961530690
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID: Method Construction Code:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft 961530690 4
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Annular Space/Abandonment Sealing Record Plug ID: Layer: Plug From: Plug To: Plug To: Plug Depth UOM: Method of Construction & Well Use Method Construction ID:	4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft 961530690

Pipe Information

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

Construction Record - Casing

Casing ID: Layer: Material:	930091126 1 1
Open Hole or Material: Depth From:	STEEL
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 Set At:	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

Pump Test Detail ID:	934385656
Test Type:	Recovery
Test Duration:	30
Test Level:	27.0
Test Level UOM:	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

1530475	Flowing (Y/N):	
	Flow Rate:	
Domestic	Data Entry Status:	
	Data Src:	1
Water Supply	Date Received:	03/02/1999
	Selected Flag:	TRUE
	Abandonment Rec:	
197136	Contractor:	1119
	Form Version:	1
	Owner:	
	County:	OTTAWA-CARLETON
	Lot:	005
	Concession:	
	Concession Name:	LI
	Easting NAD83:	
	Northing NAD83:	
	Zone:	
	UTM Reliability:	
GLOUCESTER TOWNSHIP		
	Domestic Water Supply 197136	Flow Rate: Domestic Data Entry Status: Data Src: Water Supply Date Received: Selected Flag: Abandonment Rec: 197136 Contractor: Form Version: Owner: County: Lot: Concession: Concession: 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:	10052010	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 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		

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Database: WWIS

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

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color:	931075618 1
General Color: Mat1: Most Common Material:	05 CLAY
Mat2: Mat2 Desc: Mat3:	
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 32.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color:	931075619 2
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:	ft

Overburden and Bedrock Materials Interval

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

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

Plug ID:	933115622
Layer:	1
Plug From:	2.0
Plug To:	63.0
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

30090702
DPEN HOLE
0.0
5.0
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i -

Construction Record - Casing

Casing ID: Layer: Material:	930090701 2 1
Open Hole or Material: Depth From:	STEEL
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 Test ID:	PUMP 991530475
Pump Set At:	001000470
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: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931075086 2 2 GREY 15 LIMESTONE
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	27.0 61.0 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>

Plug ID: Layer:	933115431 1
Plug From:	3.0
Plug To:	35.0
Plug Depth UOM:	ft

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: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	33.0 6.0 inch ft

Construction Record - Casing

Casing ID:	930090317
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 991530296
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: Laver:	933490364 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: DP2BR:	10051830	Elevation: 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			
Improvement Location			
Source Revision Comm	nent:		
Supplier Comment:			
Overburden and Bedro	<u>ock</u>		
<u>Materials Interval</u>			

Formation ID: Layer: Color:	931075083 2
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

Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	2 GREY 15 LIMESTONE
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	30.0 80.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color:	931075082 1
General Color: Mat1: Most Common Material: Mat2:	05 CLAY 13
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	BOULDERS
Formation End Depth: Formation End Depth UOM:	22.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
Plug ID:	933115430
Layer: Plug From:	1 2.0
Plug To: Plug Depth UOM:	38.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961530295 5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10600400 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Denth From:	930090313 1 1 STEEL
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	36.0 6.0 inch ft

Construction Record - Casing

Casing ID: Layer: Material:	930090314 2 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

Pumping Test Method Desc: Pump Test ID:	PUMP 991530295
Pump Set At: Static Level:	25.0
	25.0 65.0
Final Level After Pumping:	65.0 65.0
Recommended Pump Depth:	18.0
Pumping Rate:	18.0
Flowing Rate:	18.0
Recommended Pump Rate:	
Levels UOM:	ft GPM
Rate UOM:	
Water State After Test Code:	2 CLOUDY
Water State After Test:	01002.
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934118296
Test Type:	Recovery
Test Duration:	15
Test Level: 2	25.0
Test Level UOM: f	t

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

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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:	1530274	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	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:	CUMBERLAND TOWNSHIP	-	
Site Info:			

Bore Hole Information

Bore Hole ID DP2BR:	: 10051809	Elevation: Elevrc:	
113	erisinfo.com Environmental Risk	Information 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 Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931075029 2 GREY 15 LIMESTONE 73 HARD
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	6.0 235.0 ft

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

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

Method of Construction & Well Use

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

Zone: 18 East83: North83: Org CS: UTMRC: 9 UTMRC Desc: uni Location Method: na

9 unknown UTM na

Pipe Information

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

Construction Record - Casing

Casing ID:	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
Test Type:	Recovery
Test Duration:	15
Test Level:	185.0
Test Level UOM:	ft

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Pump Test Detail ID:	934910966
Test Type:	Recovery
Test Duration:	60
Test Level:	100.0
Test Level UOM:	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:

lot 4	ΟΝ

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

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB:	10051808	Elevation: Elevrc: Zone: East83:	18
Code OB Desc: Open Hole: Cluster Kind:	10/06/1998	North83: Org CS: UTMRC: UTMRC Desc:	9 unknown UTM
Date Completed: Remarks:	10/00/1998	Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

Improvement Location Source: Improvement Location Method:

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Database: WWIS Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc:	931075025 3 3 BLUE 05 CLAY 85 SOFT
Formation Top Depth:	32.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

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: Layer: Color: General Color:	931075027 5 6 BROWN
Mat1: Most Common Material:	17 SHALE
Mat2:	OTALL
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: Laver:	933115405 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: Layer: Material:	930090278 1 1
Open Hole or Material: Depth From:	STEEL
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:	

1	1	Ω

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: Pump Test ID: Pump Set At:	BAILER 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

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: 6455 Contractor: 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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10051557	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
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: Improvement Location	Source:		

GLOUCESTER TOWNSHIP

Overburden and Bedrock Materials Interval

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

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

 Formation ID:
 931074230

 Layer:
 3

 Color:
 2

General Color: Mat1:	GREY 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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931074229 2 GREY 05 CLAY 88 THICK
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	25.0 36.0 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: Pump Test ID: Pump Set At:	BAILER 991530022
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	
Tag:		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:		Easting NAD83:		
Pump Rate:		Northing NAD83:		
Static Water Level:		Zone:		
Clear/Cloudy:		UTM Reliability:		
Municipality:	CUMBERLAND TOWNSHIP	o nii Kenabiiity.		
Site Info:	COMBERCAND TOWNSHIP			
Sile IIIO.				

Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	07/31/1997	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 9 unknown UTM
Remarks:	0//01/100/	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

Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931073283 2 8 BLACK 11 GRAVEL 85 SOFT
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	9.0 23.0 ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931073282 1 6 BROWN 05 CLAY 85 SOFT
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 9.0 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: Formation End Depth: Formation End Depth UOM:	931073284 3 2 GREY 11 GRAVEL 13 BOULDERS 85 SOFT 23.0 35.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	

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: Method Construction Code: Method Construction:	961529605 4 Rotary (Air)	
	4 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

Pump Test Detail ID:	934660310
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933489620
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.0
Water Found Depth UOM:	ft

1529602

Domestic

176782

Water Supply

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:

	Flowing (Y/N):	
	Flow Rate:	
c	Data Entry Status:	
	Data Src:	1
upply	Date Received:	09/10/1997
	Selected Flag:	TRUE
	Abandonment Rec:	
	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: DP2BR: Spatial Status: Code OB: Code OB Desc:	10051137	Elevation: Elevrc: Zone: East83: North83:	18
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 Location Improvement Location Source Revision Comm Supplier Comment:	Method:		

Overburden and Bedrock Materials Interval

 Formation ID:
 931073269

 Layer:
 1

 Color:
 6

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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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931073270 2 8 BLACK 11 GRAVEL 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	12.0 23.0 ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114627
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft
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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: Layer: Material:	930089263 1 1
Open Hole or Material: Depth From:	STEEL
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

и	0	n
	/	m

Test Level UOM:

ft

Water Details

Water ID:	933489617
Laver:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36.0
Water Found Depth UOM:	ft

Site:

lot 5 ON

lot 5 ON			
Well ID: Construction Date:	1529096	Flowing (Y/N): 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: Site Info:	CUMBERLAND TOWNSHIP		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10050632	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind: Date Completed:	08/21/1996	UTMRC: UTMRC Desc:	9 unknown UTM
Remarks:	00/2 // 1000	Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

Overburden and Bedrock

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

<u>Materials Interval</u>

Formation ID: Layer:	931071767 3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	

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Order No: 24042300513

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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat2:	931071768 4 2 GREY 15 LIMESTONE 73 HARD
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	60.0 180.0 ft

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

Formation ID:	931071766
Laver:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	81
Mat3 Desc:	SANDY
Formation Top Depth:	9.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114078
Layer:	1
Plug From:	0.0
Plug To:	39.0
Plug Depth UOM:	ft

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: Layer: Material:	930088457 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	39.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930088458 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	180.0
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	inch ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	BAILER 991529096
Pump Set At:	405.0
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
Well ID: Construction Date:	1528946	Flowing (Y/N): Flow Rate:		
Use 1st: Use 2nd:	Domestic	Data Entry Status: Data Src:	1	
Final Well Status: Water Type: Casing Material:	Water Supply	Date Received: Selected Flag: Abandonment Rec:	05/16/1996 TRUE	
Audit No: Tag: Constructn Method:	167355	Contractor: Form Version: Owner:	3749 1	
Elevation (m): Elevatn Reliabilty: Depth to Bedrock:		County: Lot: Concession:	OTTAWA-CARLETON 005	
Well Depth: Overburden/Bedrock: Pump Rate:		Concession Name: Easting NAD83: Northing NAD83:		
Static Water Level: Clear/Cloudy: Municipality:	CUMBERLAND TOWNSHIP	Zone: UTM Reliability:		
Site Info:				

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10050482	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9

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
<i>Mat3:</i>	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: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931071263 2 GREY 15 LIMESTONE 74
<i>Mat2 Desc:</i>	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
π

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:	

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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 Test ID: Pump Set At:	PUMP 991528946
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	Detail ID: 934389425	
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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

Site:

lot 5 ON 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:

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Database: WWIS

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
<u>Overburden and Bedrock</u> <u>Materials Interval</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM:	931069005 2 2 GREY 05 CLAY 79 PACKED 8.0 64.0 ft		
Overburden and Bedrock 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 UOM:	931069007 4 6 BROWN 15 LIMESTONE 73 HARD 83.0 92.0 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: Formation End Depth:	931069004 1 6 BROWN 28 SAND 77 LOOSE 0.0 8.0		
-	Environmental Risk Information Serv	vices	Order No: 240

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:	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: Layer: Material:	930086986 1 1
Open Hole or Material: Depth From:	STEEL
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

80.0
2.0
2.0
ft
GPM
2
CLOUDY
2
1
0
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

Well ID:	1528175	Flowing (Y/N):	
Construction Date: Use 1st:	Domestic	Flow Rate: Data Entry Status:	
Use 2nd:	Domestic	Data Entry Status. Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/15/1994
Water Type:		Selected Flag:	TRUE
Casing Material:	445450	Abandonment Rec:	0455
Audit No:	115159	Contractor:	6455

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Database: WWIS

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:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:_	931068829 2 GREY 05 CLAY 88 THICK
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	11.0 30.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1:	931068830 3 2 GREY 05
Matr. Most Common Material: Mat2 Desc: Mat3:	CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	30.0 49.0 ft

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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: Layer:	931068828 1
Color:	6
General Color: Mat1:	BROWN 28
Most Common Material:	SAND
Mat2: Mat2 Desc:	77 LOOSE
Mat3:	
Mat3 Desc: Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:_	931068832 5 8 BLACK 11 GRAVEL 79 PACKED
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	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

Method Construction ID:	961528175
Method Construction Code:	1
Method Construction:	Cable Tool

Pipe Information

Pipe ID:	10598284
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material:	930086896 2 4 OPEN HOLE
Depth From:	07.0
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

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991528175
Static Level:	30.0
Final Level After Pumping:	42.0
Recommended Pump Depth:	60.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	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:	934905359
Test Type:	Draw Down
Test Duration:	60
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934112430
Test Type:	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: Elevatn Reliabilty: Lot: 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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10049690 08/30/1994	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 9 unknown UTM
Remarks:	00/30/1994	Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

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Database: **WWIS**

OTTAWA-CARLETON 005

Order No: 24042300513

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 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
Mats Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 6.0 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: Layer: Material:	930086842 1 1
Material: Open Hole or Material:	STEFI
Depth From:	SILLL
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 Test ID: Pump Set At:	BAILER 991528151
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

Pump Test Detail ID:	934656545
Test Type:	Draw Down
Test Duration:	45
Test Level:	170.0
Test Level UOM:	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

Well ID: Construction Date:	1527059	Flowing (Y/N): 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: Site Info:	CUMBERLAND TOWNSHIP		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10048738	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed:	03/11/1993	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comr Supplier Comment:	Source: Method:		

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931065919 1 6 BROWN 14 HARDPAN
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 14.0 ft

Formation ID:	931065920
Layer:	2
Color: General Color:	3 BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc: Formation Top Dopth:	14.0
Formation Top Depth: Formation End Depth:	237.0
Formation End Depth UOM:	ft
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Overhunden and Redreek	
<u>Overburden and Bedrock</u> Materials Interval	
<u>matemate interval</u>	
Formation ID:	931065921
Layer:	3
Color: General Color:	6 BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc: Formation Top Depth:	237.0
Formation End Depth:	240.0
Formation End Depth UOM:	ft
Annular Space/Abandonment	
Sealing Record	
-	
Plug ID:	933112178 1
Layer: Plug From:	4.0
Plug To:	38.0
Plug Depth UOM:	ft
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	061527050
Method Construction ID: Method Construction Code:	961527059 1
Method Construction:	Cable Tool
Other Method Construction:	
Pipe Information	
Pipe ID:	10597308
Casing No:	1
Comment: Alt Name:	
, i u mo.	
Construction Becard Casing	
Construction Record - Casing	
Casing ID:	930085250
Layer:	1
Material:	1 87551
Open Hole or Material: Depth From:	STEEL
Depth To:	38.0
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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 991527059
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

Database:	
WWIS	

<u>Site:</u>			
lot 5 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: Static Water Level:		Northing NAD83: Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	o na Kenabinty.	
Site Info:			
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Bore Hole Information

Site:

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10048072	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	06/24/1992	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location			

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: Mat3 Desc:	931063946 3 8 BLACK 11 GRAVEL
Formation Top Depth:	56.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

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

Formation ID:	931063945
Layer:	2
Color:	3
General Color:	BLUE

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Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	05 CLAY 13.0 56.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931063944 1 6 BROWN 28 SAND
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 13.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
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: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930084157 1 STEEL 57.0 6.0 inch ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991526359
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

Water ID:	933485656
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

Site:

 lot 5	ON

Well ID:	1526083	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:	Domestic	Data Entry Status:

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Database: WWIS

Use 2nd: Final Well Status: Water Type:	Water Supply	Data Src: Date Received: Selected Flag:	1 02/04/1992 TRUE
Casing Material:		Abandonment Rec:	INOL
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: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	09/07/1990	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	18 9 unknown UTM
Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location	Not Applicable i.e. no UTM	Location Method:	na

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:	931063167 1 6 BROWN 02 TOPSOIL
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 2.0 ft

Overburden and Bedrock

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

Formation ID: Layer: Color: General Color:	931063169 3 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat2:	15 LIMESTONE
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	12.0 253.0 ft

Method of Construction & Well Use

Method Construction ID: Method Construction Code:	961526083 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:	933485280
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	190.0
Water Found Depth UOM:	ft

Site:

lot 4 ON

Database: WWIS

Well ID: Construction Date:	1525984	Flowing (Y/N): Flow Rate:	
Use 1st: Use 2nd:	Domestic	Data Entry Status: Data Src:	1
Final Well Status:	Water Supply	Date Received:	12/09/1991
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	111453	Contractor:	6587
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty: Depth to Bedrock:		Lot: Concession:	004
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:	10047719	Elevation: 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: Elevrc Desc:	Not Applicable i.e. no UTM		

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931062872 3 GREY 17 SHALE 85 SOFT
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	16.0 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

Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Formation ID:

Most Common Material: Mat2: Mat2 Desc:	931062871 2 2 GREY 17 SHALE 80 POROUS
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	11.0 16.0 ft

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

Plug ID: Laver:	933111478 1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well <u>Use</u>

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:	4
Open Hole or Material:	OPEN HOLE
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 Set At:	BAILER 991525984
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: Test Type:	934907533
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

934106179
15
35.0
ft

Draw Down & Recovery

Pump Test Detail ID:	934389813
Test Type:	
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Water Details

Water ID:	933485148
Layer:	1
Kind Code:	1

FRESH 45.0 ft

<u>Site:</u> lot 5 ON				Database WWIS
Well ID:	1525764	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:	10/10/1991	
Water Type:		Selected Flag:	TRUE	
Casing Material:		Abandonment Rec:		
Audit No:	91554	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	e i il i tonability i		
Site Info:				

Bore Hole Information

Bore Hole ID: DP2BR:	10047499	Elevation: 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 End Depth UOM: ft

Overburden and Bedrock Materials Interval

e:

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:	931062205 2 GREY 15 LIMESTONE 5.0 100.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933111360 1 6.0 40.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961525764 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10596069 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material:	930083152 1 1 STEEL
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	40.0 6.0 inch ft
Results of Well Yield Testing	
Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991525764
Static Level: Final Level After Pumping: Recommended Pump Depth:	10.0 60.0
Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Bate UOM:	ft
Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method:	GPM 2

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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

Water ID:	933484862
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.0
Water Found Depth UOM:	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

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Database: WWIS

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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10047321	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed: Remarks:	08/02/1991	UTMRC Desc: Location Method:	unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location			

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:	931061696 1 6 BROWN 05 CLAY 12 STONES
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 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

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931061699 4 2 GREY 15 LIMESTONE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	28.0 228.0 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: Pump Set At:	BAILER 991525586
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:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	226.0

ft

Site:

lot 5 ON			
Well ID:	1524716	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:	08/27/1990
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	69454	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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10046464	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed:	07/08/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	Method:		

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931058854 5 2 GREY 15 LIMESTONE
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

Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	2 GREY 28 SAND
Formation Top Depth: Formation End Depth: Formation End Dopth UOM:	20.0 48.0 ft
Formation End Depth UOM:	п

Formation ID: Layer: Color:	931058850 1 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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931058851 2 GREY 05 CLAY
Formation Top Depth:	4.0
Formation End Depth:	20.0
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: Formation End Depth: Formation End Depth:	931058853 4 2 GREY 28 SAND 11 GRAVEL 12 STONES 48.0 52.0 ft
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933110927
Layer:	1
Plug From:	6.0
Plug To:	50.0
Plug Depth UOM:	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 Deser	
Pumping Test Method Desc:	004504740
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
Draw Down & Recovery	
Pump Test Detail ID:	934903054
Toot Turney	

	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

101 4 014			
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: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10046391 07/03/1990	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM
Remarks: Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM	Location Method:	na

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Database: WWIS

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:	931058617 1 6 BROWN 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 7.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931058618 2 3 BLUE 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	7.0 53.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer:	931058619 3
Color:	8
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: Casing Depth UOM:	inch 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	Detail ID: 934109418	
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Test Type:	
Test Duration:	
Test Level:	
Test Level UOM:	

Water Details

Water ID:	933483326
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Draw Down 15 38.0 ft

Site:

lot 4 ON

Well ID: Construction Date: Use 1st:	1524123 Domestic	Flowing (Y/N): Flow Rate: 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: Site Info:	GLOUCESTER TOWNSHIP		

Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

Bore Hole ID: DP2BR:	10045895	Elevation: Elevrc:	
Spatial Status: Code OB:		Zone: East83:	18
Code OB: Code OB Desc:		North83:	
Open Hole: Cluster Kind:		Org CS: UTMRC:	9
Date Completed:	09/14/1989	UTMRC Desc:	unknown UTM
Remarks: Loc Method Desc:	Not Applicable i.e. no UTM	Location Method:	na
Elevrc Desc: Location Source Date: Improvement Location			

<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID:	931056932
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13



Mat2 Desc: Mat3:	BOULDERS
Mat3 Desc: 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: Mat1:	931056933 3 2 GREY 15
Most Common Material: Mat2: Mat2 Desc: Mat3:	LIMESTONE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	56.0 84.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931056931 1 2 GREY 05 CLAY
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 28.0 ft
Method of Construction & Well Use	
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: Depth From:	930080344 2 3 CONCRETE
Depth To: Casing Diameter: Casing Diameter UOM:	84.0 6.0 inch

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Casing Depth UOM:

ft

Construction Record - Casing

Casing ID:	930080343
Layer:	1
Material:	1
Open Hole of Material:	STEEL
<i>Open Hole or Material: Depth From: Depth To:</i>	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

Pump Test Detail ID:	934652483
Test Type:	
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107704
Test Type:	
Test Duration:	15
Test Level:	75.0
Test Level UOM:	ft

Water Details

Water ID:	933482665
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	78.0
Water Found Depth UOM:	ft

<u>Site:</u>

lot 4 ON

Well ID:	1523900	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:	10/12/1989
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	44250	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

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:	10045672 09/06/1989 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 Improvement Location			

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931056138 5 3 BLUE 15 LIMESTONE
<i>Mat3 Desc: Formation Top Depth:</i>	65.0

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Database: WWIS

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 Dopth:	65 0
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:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931056135 2 7 RED 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	5.0 12.0 ft

Overburden and Bedrock <u>a/</u>

Material	s In	terv	a

931056136
3
2
GREY
05
CLAY

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: Layer: Material:	930079941 1 1
Open Hole or Material: Depth From:	STEEL
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: Static Level:	BAILER 991523900
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):
T 4 T		

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

Pump Test Detail ID:	934106661
Test Type:	
Test Duration:	15
Test Level:	50.0
Test Level UOM:	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: Site Info:	CUMBERLAND TOWNSHIP		

Bore Hole Information

Bore Hole ID DP2BR:	: 10045239	Elevation: Elevrc:	
175	erisinfo.com Environmental Risk I	nformation Services	Order No: 24042300513

Database: WWIS

Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: 06/01/1989 Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Not Applicable i.e. no UTM

East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:

Zone:

unknown UTM na

18

9

Overburden and Bedrock Materials Interval

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931054702 4 3 BLUE 05 CLAY 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	195.0 242.0 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
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2: Mat2 Desc: Mat3: Mat3 Desc:	01 FILL
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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931054700 2 8 BLACK 02 TOPSOIL 12 STONES 77 LOOSE
	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: Formation End Depth: Formation End Depth UOM:	3.0 195.0 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: Material:	930079159 1 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 Test ID: Pump Set At: Static Level:	PUMP 991523464
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

Pump Test Detail ID:	934104990
Test Type:	
Test Duration:	15
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: Test Type:	934389219
Test Duration: Test Level:	30 110.0
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

33481732
RESH
288.0
t

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:	CUMBERLAND TOWNSHIP		
Site Info:			

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:	Not Applicable i.e. no UTM		
Elevrc Desc:			

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

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931053218 2 3 BLUE 17 SHALE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	55.0 174.0 ft

Overburden and Bedrock Materials Interval

Formation ID:	931053217
Layer:	1
Color:	6
General Color:	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: Layer: Material:	930078398 1 1
Open Hole or Material: Depth From:	STEEL
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: Pump Test ID: Pump Set At:	BAILER 991523007
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: 93348	31101
Layer: 1	
Kind Code: 1	
Kind: FRES	SН
Water Found Depth: 128.0	
Water Found Depth UOM: ft	

Site:

lot 5 ON Well ID:

1523003

well ID.	1020000
Construction Date:	
Use 1st:	Domestic
Use 2nd:	
Final Well Status:	Water Supply
Water Type:	
Casing Material:	
Audit No:	13195
Tag:	
Constructn Method:	
Elevation (m):	
Elevatn Reliabilty:	
Depth to Bedrock:	
Well Depth:	
Overburden/Bedrock:	
Pump Rate:	
Static Water Level:	
Clear/Cloudy:	
Municipality:	CUMBERLAND TOWNSHIP
Site Info:	

Data Entry Status: Data Src: 1 11/02/1988 Date Received: TRUE Selected Flag: Abandonment Rec: 2351 Contractor: Form Version: 1 Owner: County: Lot: 005 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Flowing (Y/N):

Flow Rate:

OTTAWA-CARLETON

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Database:

WWIS

Bore Hole Information

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	44809	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Remarks:	1/1988	UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source	Not Applicable i.e. no UTM		
Improvement Location Source Source Revision Comment: Supplier Comment:			
Overburden and Bedrock Materials Interval			
Formation ID: Layer:	931053204 1		
Color: General Color: Mat1:	6 BROWN 14		
Most Common Material: Mat2: Mat2 Desc:	HARDPAN		
Mat3: Mat3 Desc: Formation Top Depth:	0.0		
Formation End Depth: Formation End Depth UOM:	15.0 ft		
Overburden and Bedrock Materials Interval			
Formation ID: Layer:	931053205 2		
Color: General Color: Mat1:	3 BLUE 17		
Most Common Material: Mat2: Mat2 Desc: Mat3:	SHALE		
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	15.0 27.0 ft		
Method of Construction & We	<u>əll_</u>		
Method Construction ID: Method Construction Code:	961523003 1		
Method Construction: Other Method Construction:	Cable Tool		
Pipe Information			
Pipe ID: Casing No: Comment:	10593379 1		

Alt Name:

Construction Record - Casing

Casing ID: Layer: Material:	930078394 1 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

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Water Details

Water ID:	933481097
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23.0
Water Found Depth UOM:	ft

<u>Site:</u>

lot 5 ON

Well ID: Construction Date: Use 1st:	1522662 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status:	
Use 2nd:	Domosilo	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: Municipality: Site Info:	CUMBERLAND TOWNSHIP	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:	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
Improvement Location			

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931052206 3 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth:	47.0

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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
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	11.0 47.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	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: Depth To: Casing Diameter:	930077784 1 1 STEEL 50.0 6.0
Casing Diameter UOM: Casing Depth UOM:	inch ft

Construction Record - Casing

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Casing ID: Layer:	930077785 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 Test ID: Pump Set At:	PUMP 991522662
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 Date:	1522421	Flowing (Y/N): Flow Rate:	
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 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: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10044233 06/28/1988	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 9 unknown UTM
Remarks:	00/20/1900	Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Com	n Source: n Method:		

Overburden and Bedrock Materials Interval

Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3:	931051378 2 3 BLUE 17 SHALE
Mats. Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	11.0 186.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer:	931051377 1
Color:	6
General Color:	BROWN
Mat1: Most Common Material:	14 HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc: Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID:	931051379
Layer:	3
Color: General Color:	8 BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc: Mat3:	
Mat3 Desc:	
Formation Top Depth:	186.0
Formation End Depth: Formation End Depth UOM:	204.0 ft
romation End Depth Com.	it in
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
Plug ID:	933109887
Layer:	1
Plug From: Plug To:	0.0 42.0
Plug Depth UOM:	ft
Method of Construction & Well Use	
Method Construction ID:	961522421
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
Pipe Information	
Pipe ID:	10592803
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
	020077264
Casing ID: Layer:	930077361 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 Test ID: Pump Set At:	BAILER 991522421
Static Level:	170.0
Final Level After Pumping:	180.0
Recommended Pump Depth:	199.0
Pumping Rate:	18.0
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:	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

934110344
Draw Down
15
180.0
ft

Water Details

Water ID:	933480312
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	186.0
Water Found Depth UOM:	ft

Database:	
WWIS	

Well ID:1522420Flowing (Y/N):Construction Date:Flow Rate:Use 1st:DomesticData Entry Status:Use 2nd:Data Src:1Final Well Status:Water SupplyDate Received:07/04/1988Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:1Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:County:OTTAWA-CARLETONElevation (m):Concession:Concession:004Depth to Bedrock:Concession:Concession:004Well Depth:Concession:Concession:UTTAWA-CARLETONWell Depth:Concession:Concession:UTTAWA-CARLETONPump Rate:Northing NAD83:Static Water Level:Zone:UTM Reliability:Verblurden/Bedrock:Concession Name:UTM Reliability:UTM Reliability:	<u>Site:</u> lot 4 ON			
Use 1st:DomesticData Entry Status:Use 2nd:Data Src:1Final Well Status:Water SupplyDate Received:07/04/1988Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatin Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Sating NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Well ID:	1522420	Flowing (Y/N):	
Use 2nd:Data Src:1Final Well Status:Water SupplyDate Received:07/04/1988Water Type:Date Received:07/04/1988Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Abandonment Rec:Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:1Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Concession Name:Well Depth:Concession Name:Concession Name:Overburden/Bedrock:Easting NAD83:Vathing NAD83:Pump Rate:Northing NAD83:Zone:Static Water Level:Zone:UTM Reliability:Clear/Cloudy:UTM Reliability:UTM Reliability:	Construction Date:		Flow Rate:	
Final Well Status:Water SupplyDate Received:07/04/1988Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Overburden/Bedrock:Easting NAD83:Vorthing NAD83:Pump Rate:Xone:Cone:Clear/Cloudy:UTM Reliability:Lot:	Use 1st:	Domestic	Data Entry Status:	
Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Audit No:05926Contractor:1517Tag:Form Version:Constructn Method:Owner:Elevation (m):County:Elevatin (m):Lot:Elevatn Reliability: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:	Use 2nd:		Data Src:	1
Casing Material:Abandonment Rec:Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Final Well Status:	Water Supply	Date Received:	07/04/1988
Audit No:05926Contractor:1517Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Water Type:		Selected Flag:	TRUE
Tag:Form Version:1Constructn Method:Owner:Elevation (m):County:Elevatn Reliability: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:	Casing Material:		Abandonment Rec:	
Constructn Method:Owner:Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Audit No:	05926	Contractor:	1517
Elevation (m):County:OTTAWA-CARLETONElevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Tag:		Form Version:	1
Elevatn Reliability:Lot:004Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Constructn Method:		Owner:	
Depth to Bedrock:Concession:Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Elevation (m):		County:	OTTAWA-CARLETON
Well Depth:Concession Name:Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Elevatn Reliabilty:		Lot:	004
Overburden/Bedrock:Easting NAD83:Pump Rate:Northing NAD83:Static Water Level:Zone:Clear/Cloudy:UTM Reliability:	Depth to Bedrock:		Concession:	
Pump Rate: Northing NAD83: Static Water Level: Zone: Clear/Cloudy: UTM Reliability:	Well Depth:		Concession Name:	
Static Water Level: Zone: Clear/Cloudy: UTM Reliability:	Overburden/Bedrock:		Easting NAD83:	
Clear/Cloudy: UTM Reliability:	Pump Rate:		Northing NAD83:	
•	Static Water Level:		Zone:	
	•		UTM Reliability:	
MUNICIPAITY: CUMBERLAND TOWNSHIP	Municipality:	CUMBERLAND TOWNSHIP		
Site Info:	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: Date Completed: Remarks:	05/31/1988	UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location			-

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: Mat3 Desc:	931051376 4 2 GREY 15 LIMESTONE
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
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	20.0 60.0 ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: Layer:	931051375 3
Color: General Color: Mat1:	2 GREY 11
Most Common Material: Mat2: Mat2 Desc: Mat3:	GRAVEL 28 SAND
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	60.0 74.0 ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: Layer: Color: General Color:	931051373 1 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc:	05 CLAY
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	0.0 20.0
Formation End Depth UOM: Annular Space/Abandonment Sealing Record	ft
Plug ID:	933109886 1
Layer: Plug From: Plug To: Plug Depth UOM:	0.0 25.0 ft
<u>Method of Construction & Well</u> <u>Use</u>	
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

Casing ID: Layer: Material:	930077360 1 1
Open Hole or Material:	STEEL
Depth From: Depth To:	79.0
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:	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

Pump Test Detail ID:	934385209
Test Type:	
Test Duration:	30
Test Level:	15.0
Test Level UOM:	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

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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

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	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: 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:	10044229 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 Bedrock Materials Interval

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

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Elevrc Desc:

Formation ID:	931051366
Layer:	1
Color:	2
General Color: Mat1:	GREY
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0

Formation End Depth: Formation End Depth UOM:	6.0 ft
Overburden and Bedrock	
<u>Materials Interval</u>	
Formation ID:	931051367
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3: Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	280.0
Formation End Depth UOM:	ft
•	
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
-	000400000
Plug ID:	933109883
Layer: Plug From:	1 0.0
Plug From: Plug To:	40.0
Plug Depth UOM:	ft
0 /	
<u>Method of Construction & Well</u> <u>Use</u>	
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:	1
Open Hole or Material:	STEEL
Depth From:	40.0
Depth To: Casing Diameter:	40.0 7.0
Casing Diameter: Casing Diameter UOM:	inch
Casing Depth UOM:	ft
Results of Well Yield Testing	
Pumping Test Method Desc:	PUMP
Fullipility rest method Desc.	991522417
Pump Test ID:	331022411
Pump Test ID: Pump Set At:	
Pump Test ID: Pump Set At: Static Level:	57.0
Pump Test ID: Pump Set At:	

Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934385206
Test Type:	
Test Duration:	30
Test Level:	52.0
Test Level UOM:	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

Water ID:	933480305
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	190.0
Water Found Depth UOM:	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:
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Layer:	5
Kind Code:	1
Kind:	FRESH
Water Found Depth:	280.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933480307
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	260.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933480304
Layer: Kind Code:	1
Kind:	FRESH
Water Found Depth:	86.0
Water Found Depth UOM:	ft

Site:

lot 5 ON

lot 5 ON			
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:	10044226	Elevation: Elevrc: Zone: East83:	18
Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	06/28/1988	North83: Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location	Not Applicable i.e. no UTM		

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

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931051359 3 2 GREY 15 LIMESTONE 73 HARD
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: Mat3 Desc:	931051357 1 8 BLACK 02 TOPSOIL
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	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 ID:	931051360
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	80

Formation End Depth UOM:

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

Plug ID:	933109880
Layer: Plug From:	1 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 Set At:	PUMP 991522414
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

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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>

<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): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:	1522281 Domestic Water Supply 26024 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 05/26/1988 TRUE 2351 1 OTTAWA-CARLETON 004	
Site Info:				

Bore Hole Information

|--|

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

<u>Maleriais IIIlervai</u>

Formation ID: Layer: Color: General Color:	931050801 1 6 BROWN
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 16.0 ft

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:	961522281
Method Construction Code:	1
Method Construction: Other Method Construction:	Cable Tool

Pipe Information

Pipe ID:	10592664
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:

930077116

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East83: North83: Org CS: UTMRC: 9 UTMRC Desc: 0 Location Method: n

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

Pumping Test Method Desc: Pump Test ID:	BAILER 991522281
Pump Set At: Static Level:	45.0
Final Level After Pumping:	100.0
Recommended Pump Depth:	102.0
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:	10
Flowing:	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:

Database: WWIS

lot 5 ON			
Well ID: Construction Date:	1522178	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:	02/16/1988 TRUE
Casing Material: Audit No:	12606	Abandonment Rec: Contractor:	2351
Tag: Constructn Method:		Form Version: Owner:	1
Elevation (m): Elevatn Reliabilty:		County: Lot:	OTTAWA-CARLETON
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:	CUMBERLAND TOWNSHIP	e ministrationaly.	

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10043991	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed:	01/20/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comn Supplier Comment:	Method:		

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931050480 2 3 BLUE 17 SHALE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	29.0 110.0 ft

Overburden and Bedrock

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:	931050479 1 6 BROWN 14 HARDPAN 0.0 29.0 ft
<u>Method of Construction & Well</u> <u>Use</u>	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961522178 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10592561 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930076916 1 STEEL 29.0 6.0 inch ft
Results of Well Yield Testing	
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	BAILER 991522178 16.0 95.0 105.0 15.0 14.0 ft GPM 2 CLOUDY 2 1 10 No

Draw Down & Recovery

Pump Test D Test Type:	etail ID: 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 Infor	mation Services	Order No: 24042300513

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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931050474 1 6 BROWN 14 HARDPAN
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 43.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931050475 2 3 BLUE 17 SHALE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	43.0 60.0 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: Layer:	930076914 1
Material:	1 STEFI
Open Hole or Material: Depth From:	SIEEL
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: Pump Test ID:	BAILER 991522176
Pump Set At: Static Level:	10.0
Final Level After Pumping: Recommended Pump Depth:	52.0 55.0
Pumping Rate:	12.0
Flowing Rate:	10.0
Recommended Pump Rate: Levels UOM:	10.0 ft
Rate UOM:	GPM
Water State After Test Code: Water State After Test:	2 CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN: Flowing:	0 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: 1521942 **Construction Date:** Domestic Use 1st: Use 2nd: Final Well Status: Water Supply 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: CUMBERLAND TOWNSHIP Site Info:

Bore Hole Information

Bore Hole ID: DP2BR:	10043755	Elevation: 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 Improvement Location			

Flowing (Y/N):

Data Entry Status:

Abandonment Rec:

Concession Name:

Easting NAD83:

UTM Reliability:

Northing NAD83:

Date Received:

Selected Flag:

Form Version:

Concession:

Contractor:

Owner:

County:

Lot:

Zone:

1

11/30/1987

OTTAWA-CARLETON

TRUE

1517

1

005

Flow Rate:

Data Src:

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

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931049729 5 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	74.0 81.0 ft

Overburden and Bedrock

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Database: WWIS

Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931049726 2 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	3.0 22.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931049727 3 2 GREY 28 SAND
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 Desc: Mat3:	931049728 4 2 GREY 28 SAND 11 GRAVEL
<i>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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931049725 1 6 BROWN 05 CLAY
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: Plug From:	4.0
Plug To: Plug Depth UOM:	22.0 ft

Method of Construction & Well Use

Method Construction ID: Method Construction Code:	961521942 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: Material: Open Hole or Material:	930076465 1 1 STEEL
Depth From:	74.0
Depth To: Casing Diameter:	74.0 6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	BAILER 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: Test Type:	934392328
Test Duration: Test Level:	30 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:

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: Site Info:	1521765 Domestic Water Supply 13793 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 09/24/1987 TRUE 1517 1 OTTAWA-CARLETON 005
Bore Hole Information			
Bore Hole ID: DP2BR:	10043581	Elevation: Elevrc:	

Done more no.	10010001		
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9

ompleted:	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: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3:	931049068 1 6 BROWN 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 15.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931049069 2 GREY 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	15.0 44.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931049070 3 8 BLACK 17 SHALE
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

930076147 1
1
STEEL
50.0
6.0
inch
ft

Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	PUMP 991521765
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

1014 011			
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
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: 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	Not Applicable i.e. no UTM		

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Order No: 24042300513

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

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931048525 1 6 BROWN 14 HARDPAN
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 46.0 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

Static Level:9.0Final Level After Pumping:74.0Recommended Pump Depth:82.0Pumping Rate:14.0Flowing Rate:10.0Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Duration HR:1Pumping Duration MIN:10Flowing:No	Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991521574
Recommended Pump Depth:82.0Pumping Rate:14.0Flowing Rate:10.0Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	•	9.0
Pumping Rate:14.0Plowing Rate:14.0Flowing Rate:10.0Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Final Level After Pumping:	74.0
Flowing Rate:Recommended Pump Rate:10.0Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Recommended Pump Depth:	82.0
Recommended Pump Rate:10.0Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Pumping Rate:	14.0
Levels UOM:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Flowing Rate:	
Rate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Recommended Pump Rate:	10.0
Water State After Test Code:2Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Levels UOM:	ft
Water State After Test:CLOUDYPumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Rate UOM:	GPM
Pumping Test Method:2Pumping Duration HR:1Pumping Duration MIN:10	Water State After Test Code:	2
Pumping Duration HR:1Pumping Duration MIN:10	Water State After Test:	CLOUDY
Pumping Duration MIN: 10	Pumping Test Method:	2
1 0	Pumping Duration HR:	1
Flowing: No	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

933479197
1
1
FRESH
82.0
ft

<u>Site:</u>

lot 4	ON
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Flowing (Y/N):

Well ID:

1521312

Database: WWIS

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:	CUMBERLAND TOWNSHIP	-	
Site Info:			

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB:	10043134	Elevation: Elevrc: Zone: East83:	18
Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	05/08/1987	North83: Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location			

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:	931047537 1 6 BROWN 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	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

Method Construction ID:	961521312
Method Construction Code:	1
Method Construction: Other Method Construction:	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: Casing Diameter:	25.0 6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

aniain fa anna I Ea	increased Distribution Comission	Onder Nev 04040000540
Static Level:	25.0	
Pump Set At:		
Pumping Test Method Desc: Pump Test ID:	BAILER 991521312	

Final Level After Pumpin Recommended Pump D Pumping Rate: Flowing Rate: Recommended Pump R Levels UOM: Rate UOM: Water State After Test O Water State After Test O Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	epth: ate:	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: Test Level UOM:		30 35.0 ft
Draw Down & Recovery		
Pump Test Detail ID:		934651237
Test Type: Test Duration:		45
Test Level: Test Level UOM:		40.0 ft
Draw Down & Recovery		
Pump Test Detail ID:		934909445
Test Type: Test Duration:		60
Test Level: Test Level UOM:		40.0 ft
Draw Down & Recovery		
Pump Test Detail ID:		934105991
Test Type: Test Duration:		15
Test Level: Test Level UOM:		30.0 ft
Water Details		
Water ID:		933478817
Layer: Kind Code:		1 1
Kind: Water Found Depth:		FRESH 79.0
Water Found Depth UO	М:	ft
<u>Site:</u> lot 4 ON		
Well ID:	1521309	
Construction Date: Use 1st:	Domestic	2
Use 2nd: Final Well Status:	Water Su	νίααι
Water Type: Casing Material:		"F 7

1 05/14/1987 TRUE

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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: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10043131	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 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 Improvement Location Source Revision Com Supplier Comment:	Method:		

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931047527 2 BROWN 28 SAND
Formation Top Depth:	6.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931047528 3 BLUE 05 CLAY
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	13.0 64.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer:	931047529 4
Color: General Color:	8 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: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931047526 1 6 BROWN 01 FILL
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 ID:	901521509
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

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
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	69.0
Water Found Depth UOM:	ft

<u>Site:</u>

lot 48 ON

Database:	
WWIS	

Well ID: Construction Date:	1521291	Flowing (Y/N): Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	04/24/1987	

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Order No: 24042300513

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: Cluster Kind:	10043113	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 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 Improvement Location			

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931047467 1 6 BROWN 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 9.0 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931047469 3 8 BLACK 14 HARDPAN
Formation Top Depth:	37.0
Formation End Depth:	82.0

Formation End Depth UOM:

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931047470 4 BLACK 11 GRAVEL
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	82.0 83.0 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: Pump Test ID: Pump Set At:	BAILER 991521291
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

Water ID:	933478788
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	83.0
Water Found Depth UOM:	ft

Site:

 lot 5	ON	
101 5		

Well ID:	1520896	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:	Domestic	Data Entry Status:

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Database: WWIS

Use 2nd: Final Well Status: Water Type: Cosing Material:	Water Supply	Data Src: Date Received: Selected Flag: Abandonment Rec:	1 10/22/1986 TRUE
Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty:	ΝΑ	Abandonment Rec: Contractor: Form Version: Owner: County: Lot:	2351 1 OTTAWA-CARLETON 005
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	CUMBERLAND TOWNSHIP	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:	10042737	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 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	Source:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931046193
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Overburden and Bedrock

<u>Materials Interval</u>

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 Inter	val

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931046194 4 8 BLACK 17 SHALE
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 Set At:	BAILER 991520896
Static Level:	39.0
Final Level After Pumping: Recommended Pump Depth:	64.0
Pumping Rate:	11.0
Flowing Rate: Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM: Water State After Test Code:	GPM 2
Water State After Test:	2 CLOUDY
Pumping Test Method:	2 1
Pumping Duration HR: Pumping Duration MIN:	10
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

Water ID:	933478298	
Layer:	1	
Kind Code:	1	
Kind:	FRESH	
Water Found Depth:	75.0	
Water Found Depth UOM:	ft	

Site:

<u>Site:</u> Io	t5 ON		Database: WWIS
Well ID:	1520765	Flowing (Y/N):	
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Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:	Domestic Water Supply	Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 09/25/1986 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:	NA CUMBERLAND TOWNSHIP	Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	2351 1 OTTAWA-CARLETON 005

Bore Hole Information

Bore Hole ID: DP2BR:	10042606	Elevation: Elevrc:	10
Spatial Status: Code OB:		Zone: East83:	18
Code OB: Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/03/1986	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date: Improvement Location			

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: Mat3:	931045751 2 3 BLUE 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	27.0 64.0 ft

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

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

Casing ID:	930074366
Layer:	1
Material:	1
Open Hele or Material:	STEEI
<i>Open Hole or Material: Depth From: Depth To:</i>	51EEL 75.0
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:	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: Spatial Status: Code OB:	10042447	Elevation: Elevrc: Zone: East83:	18
Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	06/25/1986	North83: Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location			

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>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931045291 2 3 BLUE 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	10.0 50.0 ft

Overburden and Bedrock Materials Interval

Formation ID:	931045290
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft
Formation End Depth OOM.	п
Overburden and Bedrock	
Materials Interval	
Formation ID:	931045293
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	0.0L
Mat2 Desc:	
Matz Desc. Mata:	
Mat3 Desc:	
Formation Top Depth:	63.0
Formation End Depth:	84.0
Formation End Depth UOM:	64.0 ft
Formation End Depth OOM.	п
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	961520605
Method Construction D. Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	All T El Cussion
Pipe Information	
Pipe ID:	10591017
Casing No:	1
Comment:	•
Alt Name:	
Construction Descend Continu	
<u> Construction Record - Casing</u>	
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
calling Dopar Com.	
Construction Record - Casing	
Casing ID:	930074087
Laver:	1

Casing ID:	93007408
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	
Dian Down & Necovery	
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

Water ID:	933477897
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	78.0
Water Found Depth UOM:	ft

<u>Site:</u>

<u>Site:</u> lot 5 ON		Database: WWIS
Well ID: Construction Date:	1520441	Flowing (Y/N): Flow Rate:

Use 1st: Use 2nd:	Domestic	Data Entry Status: 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: Site Info:	CUMBERLAND TOWNSHIP		

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10042284	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind: Date Completed:	09/18/1985	UTMRC: UTMRC Desc:	9 unknown UTM
Remarks:	00,10,1000	Location Method:	na
Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

Overburden and Bedrock Materials Interval

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931044772 2 GREY 15 LIMESTONE 26 ROCK 80 POROUS

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

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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

Casing ID: Layer: Material:	930073796 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	185.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer:	930073795 1	
Material:	1	
Open Hole or Material: Depth From:	STEEL	

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 Set At:	BAILER 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:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	12/04/1985
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		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: Spatial Status:	10042047	Elevation: Elevrc: Zone:	18
Code OB: Code OB Desc:		East83: 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 Improvement Location			

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931044052 3 8 BLACK 11 GRAVEL
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: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3:	RED 05 CLAY
<i>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: Layer: Color:	931044051 2 3
General Color: Mat1: Most Common Material: Mat2:	BLUE 05 CLAY
Mat2 Desc: Mat3: Mat3 Desc:	11.0
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	11.0 181.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961520202 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10590617 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From:	930073385 1 1 STEEL
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	187.0 6.0 inch ft
Results of Well Yield Testing	
Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991520202
Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate:	80.0 110.0 140.0 18.0
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:	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: Provincial AAGR 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 Aggregate Inventory: AGR This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active. Government Publication Date: Up to Nov 2023

Abandoned Mine Information System: Provincial AMIS The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation. Government Publication Date: 1800-Mar 2022

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only. Government Publication Date: 1860s-Present

Provincial AST Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Automobile Wrecking & Supplies: 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:

Aboveground Storage Tanks:

Government Publication Date: May 31, 2014

Anderson's Waste Disposal Sites:

Private

Private

Provincial

BORE

ANDR

erisinfo.com | Environmental Risk Information Services

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Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.* Government Publication Date: Apr 1987 and Nov 1988*

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

Private Compressed Natural Gas Stations: CNG

Chemical Register: Private CHM

Government Publication Date: 1999-Oct 31, 2023

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the

Provincial Inventory of Coal Gasification Plants and Coal Tar Sites: COAL

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Jan 2024

Certificates of Property Use: CPU This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Feb 29, 2024

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

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).

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information. Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or

Dry Cleaning Facilities:

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

tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: 1985-Oct 30, 2011*

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.

Compliance and Convictions:

Provincial

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and

CA

CDRY

CHEM

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

Private

Provincial

CONV

Provincial

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

Government Publication Date: Oct 2023

Delisted Fuel Tanks:

Environmental Activity and Sector Registry:

regulatory agency under Access to Public Information.

operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database. Government Publication Date: Oct 2011-Feb 29, 2024 Environmental Registry: Provincial

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.

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

(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

Government Publication Date: 1994 - Feb 29, 2024

Environmental Compliance Approval:

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:

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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*

EHS ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-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 The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment

DRI

DTNK

EASR

FBR

FCA

EEM

FIIS

Provincial List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the

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

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

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

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

Environmental Penalty Annual Report:

These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations. Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions: Federal FCON Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty. Government Publication Date: 1988-Jun 2007*

Federal 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

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

EXP List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel

FOFT

FRST

FST

Federal

Federal

Provincial

Provincial

FMHF

EPAR

Provincial

Provincial

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:

dioxide equivalents (kt CO2 eq).

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here. Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: IAFT The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status. Government Publication Date: Mar 31, 2022

Canadian Mine Locations: This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

244

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

HINC

Federal

Provincial

Provincial

Private

Provincial

Provincial

Federal

Provincial

GEN

GHG

INC



LIMO

FSTH

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.

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released. Government Publication Date: 1974-1994*

Non-Compliance Reports: NCPL The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database. Government Publication Date: Up to May 2001*

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

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

National Defense & Canadian Forces Spills:

National Defence & Canadian Forces Waste Disposal Sites:

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: NFBI Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

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.

Government Publication Date: 1920-Feb 2003*

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

Provincial

Federal

Federal

Federal

Federal

Provincial

MNR

NATE

NDFT

NDSP

NDWD

NEBP

Federal

Federal

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: Federal 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.

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

NPCB

NPR2

NFFS

Federal The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for

Private

OPCB

Provincial

Provincial

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

Order No: 24042300513

Federal

Private

Provincial

Federal

Federal

Provincial

Provincial

Provincial

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.

The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Government Publication Date: 1920-Jan 2005*

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites.

Pesticide Register:

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

NPRI Reporters - PFAS Substances:

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

Private and Retail Fuel Storage Tanks: Provincial PRT The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

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

Government Publication Date: 1989-1996*

Permit to Take Water:

take water.

Pipeline Incidents:

Ontario Regulation 347 Waste Receivers Summary:

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

erisinfo.com | Environmental Risk Information Services

PAP

PCFT

PES

PFCH

PFHA

PINC

PTTW

RFC

erisinfo.com | Environmental Risk Information Services

Record of Site Condition:

or propane storage tanks.

are included in this database.

Ontario Spills:

Retail Fuel Storage Tanks:

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

Scott's Manufacturing Directory:

Government Publication Date: 1999-Oct 31, 2023

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

the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The

Provincial Wastewater Discharger Registration Database: Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits

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

(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

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*

Anderson's Storage Tanks:

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

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Provincial

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

Private

Private 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

Provincial

Private

Federal

Provincial

RSC

RST

SCT

SPL

SRDS

TANK

TCFT

VAR

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in

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

Provincial

WDS

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.