

Phase I Environmental Site Assessment

4497A & 4497B O'Keefe Court
Ottawa, Ontario

Mattamy Corporation

Report: PE6605-1
August 19, 2024

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mattamy Corporation to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 4497A and 4497B O'Keefe Court in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I ESA Property has historically been used for agricultural purposes, with a small portion utilized for aggregate extraction between approximately 1960 and 1968. The Phase I Property has never been developed and exists as vacant, partially treed land. Two (2) historical potentially contaminating activities (PCAs) were identified on the Phase I Property, which are considered to have resulted APECs on the Phase I Property. The first is the historical operation of a concrete plant and the second is the placement of fill of unknown quality which is suspected to be the result of the Ministry of Transportations construction of Highway 416.

The historical use of the surrounding lands consisted of primarily agricultural with some residential, and more recently, industrial land use. No potentially contaminating activities were identified with respect to the historical use of the surrounding lands.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant, undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No additional PCAs were observed on the Phase I Property at the time of the site visit, however, evidence of the two aforementioned PCAs on the Phase I Property was observed.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial, industrial, and parkland use. Seven existing off-site PCAs were identified within the Phase I Study Area, all of which were west of Highway 416. Based on separation distance, none of these PCAs were considered to pose an environmental risk for the Phase I Property.

RECOMMENDATIONS

Based on our findings of the assessment, it is our opinion that **a Phase II Environmental Site Assessment is required for the Phase I Property.**

1.0 INTRODUCTION

At the request of Mattamy Corporation, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (ESA) for the property addressed 4497A & 4497B O'Keefe Court, Ottawa Ontario, herein referred to as the Phase I Property. The purpose of this Phase I ESA was to research the past and current uses of the Phase I Property and properties within the Phase I Study Area to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

The Ottawa office of Mattamy Corporation is located at 50 Hines Road, Suite 100, Ottawa, Ontario.

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

This Phase I ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended under the Environmental Protection Act, and CSA Z768-01 (R2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	4497A & 4497B O'Keefe Court, Ottawa, Ontario.
Legal Description:	Parts of Lot 22 Concession 4, Lot 23 Concession 4, Lot 24 Concession 4, and Lot 25 Concession 4, Nepean
Location:	The Phase I Property is located approximately 425m north of O'Keefe Court and directly east of Highway 416, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text.
Latitude and Longitude:	45°16' 52.5" N, 75° 48' 2.2" W

Site Description:

Configuration:	Irregular
Area:	71.99 ha
Zoning:	RR4 – Rural Residential Zones O1A / O1 – Open Space and Leisure Zones EP3 – Significant Wetlands Zones
Current Use:	The Phase I ESA Property is currently vacant, undeveloped land.
Services:	The Phase I ESA Property is not currently serviced. The property is located in an area where a combination of private and municipal sewer and water services exist.

3.0 SCOPE OF INVESTIGATION

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

- ☐ Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies.
- ☐ Investigate the existing conditions present at the Phase I Property and study area by conducting site reconnaissance.
- ☐ Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property, and if warranted, neighbouring properties.
- ☐ Present the results of our findings in a comprehensive report in general accordance with the requirements O.Reg. 153/04, as amended under the Environmental Protection Act, and the requirements of CSA Z768-01 (R2022).
- ☐ Provide a preliminary environmental site evaluation based on our findings.
- ☐ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

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

First Developed Use Determination

Based on a review of available information, the Phase I Property was first used for agricultural purposes prior to 1945.

Fire Insurance Plans

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

City of Ottawa Street Directories

City directories are not available for the area of the Phase I Property.

Chain of Title

A Chain of Title was not required as part of this assessment given other information from the records review (*aerial photograph review*) satisfies the objectives of the records review and a title search would not contribute to obtaining information about the environmental condition of the Phase I Property.

Previous Environmental / Geotechnical Reports

Paterson has previously conducted a geotechnical investigation on the Phase I Property. No evidence of contamination was identified during the investigation.

Paterson also reviewed a previous Phase I Environmental Site Assessment prepared by exp. and dated May 19, 2011. This previous report was completed for a larger parcel of land addressed 800 Cedarview Road, which includes the Phase I Property and approximately 33.5 hectares east of the northern portion of 4497B O'Keefe Court. This previous Phase I ESA identified only one area of potential environmental concern, an automotive repair garage located at 822 Cedarview Road, which is approximately 600m from the current Phase I Property. As such, this historical activity is not considered to have the potential to cause an environmental concern on the Phase I Property.

Plan of Survey

A plan of survey was not provided for this Phase I Environmental Site Assessment.

4.2 Environmental Source Information

Environment Canada

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

PCB Inventory

A search of provincial PCB waste storage sites was conducted. No PCB waste storage sites were reported within the Phase I Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) in July 2024. The search identified that a small portion of the area of natural scientific interest (ANSI) Stoney Swamp is within the Phase I Study Area, however, none of this ANSI is on the Phase I Property.

Ministry of the Environment, Conservation and Parks (MECP) Submissions

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to reports related to environmental conditions for the Phase I Property. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

MECP Instruments

The MECP's Access Environment website was reviewed for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP-issued instruments. No records were affiliated with the Phase I Property; however, six permits to take water (PTTW) and one certificate of approval were identified for properties within the 250 m study area. One of these permits registered to 56 Cedarview Road has a water source location on the Phase I Property. All six PTTWs related to irrigation for Cedarhill Golf Enterprises Inc. addressed 56 Cedarhill Drive. These permits involved the taking of water from Stony Swamp (Beaver Pond) and Miron Quarry. The certificate of approval pertains to the addition of sewage works serving the Cedarhill Golf and

Country Club at 56 Cedarhill Drive. This result is consistent with the records produced in the ERIS report. As further discussed below in the ERIS section, the identified activities are not considered to pose an environmental concern to the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as a part of this assessment. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

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 as a part of this assessment. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted for the Phase I Property and neighbouring properties within the Phase I Study Area. No Records of Site Condition (RSCs) were identified on this registry within the Phase I Study Area. A previous Phase I ESA for a parcel of land which includes the Phase I Study Area was reviewed as part of this assessment. This report titled "Phase I Environmental Site Assessment 800 Cedarview Road (Onassa Springs), Ottawa, Ontario" and dated May 19, 2011, contains reference to a Record of Site Condition within the ERIS report that was included in the appendices. According to this report, the RSC was completed by DST consulting Engineers Inc. for Part of Lot 23 in the Township of Gloucester. It was submitted on 07/05/01, acknowledged on 08/14/01, and returned on 07/23/01. The RSC has a listed soil type of Medium/Fine, a restoration type of Generic and a Criteria of Residential/parkland and Non-potable. No registration number or any further information is provided.

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 current or former waste disposal sites located within 250m of the Phase I Property.

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.

Technical Standards and Safety Authority (TSSA)

The Technical Standards and Safety Authority (TSSA) Fuels Safety Branch in Toronto was contacted on June 19, 2024, to inquire about current and former underground or aboveground storage tanks, historical spills, and incidents for the subject site and neighbouring properties. The response from the TSSA indicated that there are no fuel records in their database for the properties addressed 4401 O'Keefe Court, 4497 O'Keefe Court, 4497A O'Keefe Court, 4497B O'Keefe Court, 201 Dibblee Road, 510 Motor Works Private, 965 Moodie Drive, 985 Moodie Drive, or 999 Moodie Drive. The response from the TSSA did identify a record of one active fuel storage tank at the property addressed 995 Moodie Drive. This fuel tank is considered to be of a sufficient distance from the Phase I Property such that it does not pose an environmental concern.

As a result of inquiry limitations, numerous other properties within, or partially within the Phase I Study Area were not inquired about through the TSSA. These included residential addresses in the Onassa Springs, Cedarhill, and Orchard Estates communities and a large undeveloped plot of land north of the Phase I Property. None of these properties returned records of spills, storage tanks, or incidents through the ERIS report and none are expected to pose an environmental concern to the Phase I Property.

A copy of the correspondence with the TSSA on the properties of interest has been included in the Appendix.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former landfill sites were identified 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)

database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area. A response from the City of Ottawa was received on July 26th, 2024.

The response letter from the City of Ottawa indicated that the Environmental Remediation unit and the Sewer Use Program have no records relating to the Phase I Property. In addition, the Ottawa Public Health Department website returned no results for the Phase I Property. Finally, the Solid Waste Services department confirmed that the Phase I Property is not within 5 kilometers of any solid waste services facilities.

Nine records were produced for the property addressed 999 Moodie Drive. Four of these records pertain to handyman and construction related commercial businesses. Two of these records pertain to automotive services, one is Sky Auto Centre which is within the HLUI category of 'motor vehicle repair shop' and the second is an Air Automotive within the HLUI category of 'service industries incidental to air transport'. The seventh record returned for 999 Moodie Drive is ESP Canada Inc, a mechanical specialty works commercial business. The eighth record pertains to a UPS warehouse, and the final record pertains to a commercial wholesale company. Each of these historical activities is sufficiently separated from the Phase I Property such that they are not considered to result in an Area of Potential Environmental Concern on the Phase I Property.

The HLUI returned five records for the property addressed 995 Moodie Drive. These included a commercial self storage company, two camping trailer dealerships, a sand and gravel pit and a landscaping company. None of the activities associated with these records are considered to be potentially contaminating activities.

One record was produced for the property addressed 1740 Woodroffe Avenue. This property, owned by Agriculture Canada is the location of the experimental farm research fields. The activities conducted at this property are considered to be a significant enough distance from the Phase I Property to not result in an Area of Potential Environmental Concern on the Phase I Property.

One record was produced for the property addressed 985 Moodie Drive. This record pertains to a FedEx commercial warehouse building. As discussed in the ERIS portion of this report, the FedEx warehouse is a waste generator which is a potentially contaminating activity. However, given the significant separations distance, these activities are not considered to result in an APEC on the Phase I Property.

The HLUI returned two records which were not associated with a street address. The first record was for a historical stone quarry located south of the Phase I Property. The second record pertains to a lumber yard. These activities are not considered to pose an environmental concern to the Phase I Property.

One record was produced for the property addressed 510 Motor Works Private. This record pertains to a Mazda dealership and service garage. As discussed in the ERIS portion of this report, this activity is activity is considered to be a PCA however, given the significant separations distance, this activity is not considered to result in an APEC on the Phase I Property.

The HLUI returned one record for a golf and country club on the property addressed 56 Cedarhill Drive. This record pertains to the Cedarhill Golf and Country Club. Activities relating to this record are not considered potentially contaminating activities.

The property addressed 965 Moodie Drive returned one record from the HLUI summary report which was for Durell Construction – a residential building and development company. These activities are not considered to result in a potentially contaminating activity.

The HLUI returned a record pertaining to a cement plant. Based on aerial imagery this plant is located on 4497B O'Keefe Court, immediately east of Highway 416. This activity is considered a potentially contaminating activity and as such results in an APEC on the Phase I Property.

A copy of the HLUI response letter and summary report has been included in Appendix 2.

Environmental Risk Information Services (ERIS) Report

Database reports, prepared by ERIS (Environmental Risk Information Services Ltd.), dated June 11, 2024, and June 20, 2024, were acquired and reviewed as part of this assessment. The reports provide a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. When the results are combined, these two ERIS reports cover the Phase I Study Area and some land outside the Phase I Study Area. In addition, some results are duplicated between the two reports. All results discussed within this report reflect only those within the Phase I Study Area. Duplicate results have been eliminated. The complete ERIS reports have been included in Appendix 2.

The ERIS reports identified a total of 94 unique records associated with properties within the 250 m radius of the subject site (15 of which are previous ERIS searches):

Phase I Property

- ❑ The ERIS report identified sixteen records attributed to the Phase I Property. Ten of these records pertain to well water information systems, three pertain to boreholes and one to an ERIS historical search. The remaining two records returned are an abandoned mine information system and a mineral occurrence record. Both records are located within 4497B O'Keefe Court and relate to the same historical quarry operations on site. The ERIS report did not identify any activities on the Phase I Property considered to be potentially contaminating.

Properties within the Phase I Study Area

- ❑ The ERIS report identified eleven Waste Generator records for properties within 250 m of the Phase I Property. Seven of these records pertain to oil skimming's, sludges, organic laboratory chemicals and inorganic chemicals produced by FedEx Ground Ltd at 985 Moodie Drive between 2013 and 2021. Three records pertain to the generation of alkaline solutions containing heavy metals, waste compressed gasses including cylinders, waste oils/sludges (petroleum based) wastes from the use of pigments, coatings and paints, and other specified inorganic sludges, slurries or solids produced by Hydro Ottawa at 201 Dibblee Road. The final waste generator pertains to the generation of waste oils and lubricants at 995 Moodie drive by Dean Ryan's Landscaping. Based on the distance separating the Phase I Property from these waste generating activities (209 – 242m), the Phase I Property is not anticipated to be affected by these activities.
- ❑ The ERIS report identified one Aggregate Inventory record within the Phase I Study Area. This record pertains to a 6.6ha licenced quarry which operated approximately 240m southwest of the Phase I Property. These historical operations do not pose an environmental concern to the Phase I Property.
- ❑ The ERIS report identified one Abandoned Mine Information System record within 250m of the Phase I Property. This record describes a limestone quarry operating approximately 80m south of the Phase I Property. These quarry operations are not considered to have affected the Phase I Property.
- ❑ The ERIS report identified two Certificate of Approval records within the 250m radius of the Phase I Property. These records both pertain to the operation of waste management companies located at 995 Moodie Drive. Since these

- operations are located approximately 230m west of the Phase I Property, and the conditions of the Certificate of Approvals stipulate that no waste is to be stored or transferred at the yard located at 995 Moodie Drive, they are not considered to pose an environmental concern to the Phase I Property.
- ☐ The ERIS report identified nine Environmental Compliance Approval (ECA) records for the 250m radius surrounding the Phase I Property. Seven of these ECAs pertain to the permitting of the construction of sewer infrastructure to service 985 Moodie Drive, 200 Dibblee Road, 201 Dibblee Road, and 56 Cedarhill Drive. These works are not expected to affect the Phase I Property. The remaining two ECAs pertain to the operation of the aforementioned waste management companies which are not anticipated to pose a risk to the Phase I Property.
 - ☐ The ERIS report identified one record of an Environmental Activity and Sector Registry (EASR) for the Phase I Study Area. This EASR was filed for the Hydro Ottawa property at 201 Dibblee Road and relates to permitting prior to the construction of a solar facility. The works described in this record are not considered to affect the Phase I Property.
 - ☐ The ERIS report identified one Environmental Registry record within the 250m radius of the Phase I Property. This environmental registry relates to a permit issued for the property addressed 201 Dibblee Road. It describes the conditions set out to prevent harm to a species listed under the endangered species act, relating to the installation of the aforementioned solar facility. These activities are not considered to affect the Phase I Property.
 - ☐ The ERIS report identified one Pipeline Incident for properties within 250m of the Phase I Property. The pertinent record identified pertains to a 1-inch pipeline hit on the property addressed 985 Moodie Drive. Given that this incident occurred approximately 240m west of the Phase I Property this incident is not considered to represent an APEC on the Phase I Property.
 - ☐ The ERIS report identified a total of 42 well records and 8 borehole records within the Phase I Study Area, including those identified as on the Phase I Property.
 - ☐ A copy of the ERIS report is provided in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library, The City of Ottawa's website geoOttawa and the national air photo library were reviewed in approximate ten-year intervals. Based on the review, the following observations have been made:

- 1945 (National Air Photo Library) The Phase I Property consists of vacant land and appears to be used for agricultural purposes. The surrounding lands consist of agricultural or vacant land in all directions.
- 1955 (National Air Photo Library) There are no significant changes apparent with respect to the Phase I Property. Cedarview Road and Fallowfield Road can be seen further east and south of the Phase I Property respectively.
- 1965 (geoOttawa) A portion of the subject site is being utilized for gravel pit/quarry operations. No significant changes are apparent with respect to the remainder of the Phase I Property. Moodie Drive has been constructed further west of the Phase I Property since the previous photograph. Quarry operations are also observable south of the Phase I Property and further west of Moodie Drive.
- 1976 (geoOttawa) A body of water has developed where the former quarrying operations had taken place on the Phase I Property. Two commercial buildings have been constructed along Moodie Drive since the previous photograph. No other significant changes are apparent with respect to the Phase I Study Area.
- 1991 (geoOttawa) Since the previous photograph a hydro corridor has been cleared bisecting the Phase I Property along a southwest – northeast trajectory. This corridor corresponds with the separation of 4497A and 4497B O'Keefe Court. A large residential development with a golf course has been constructed to the east of the Phase I Property since the previous photograph. Additional commercial buildings have been constructed west of the Phase I Property along Moodie Drive since the previous photograph. A large sports park has also been constructed south of the Phase I Property.
- 2002 (geoOttawa) Fill material has been deposited on the west side of the Phase I Property. It is expected that the fill material originated from the construction of Highway No. 416. Since the previous photograph, Highway 416 has been constructed immediately west of 4497A O'Keefe

Court as well as west and north of 4497B O'Keefe Court. In addition, south of the Phase I Property, Fallowfield Road has been re-aligned to its modern orientation.

- 2011 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. Northeast of the Phase I Property, Onassa Circle is observed under construction.
- 2022 (geoOttawa) The Phase I Property appears to remain unchanged since the 2011 photograph. Additional commercial development can be seen southwest of the Phase I Property along Moodie Drive.

Copies of selected aerial photographs reviewed are included in Appendix 1.

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, Till Plains (Drumlinized) physiographic region. 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, "where the land is rarely more than 150 m above sea level, except for the Monteregion Hills, which consist of intrusive igneous rocks.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website.

The topographic maps indicate that the regional topography in the general area of the Phase I Property is relatively flat. Overland water flow and the inferred groundwater flow direction is to the south in the direction of the Jock River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

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 the information from NRCAN, bedrock in the area of the site consists of interbedded sandstone and dolomite of the March Formation. Based on the maps, the thickness of overburden is anticipated to be 5 to 10m and consists of plain till. Overburden is variable across the Phase I Property. It consists of Paleozoic rocks, organic

deposits, nearshore marine deposits and till. Stratigraphy presented on well records for the study area generally confirms the reported geology.

Water Well Records

A well record search was conducted in July 2024 for all drilled wells within 250m of the Phase I Property. Ten well records were identified on the Phase I Property. The stratigraphy of the Phase I Study Area as presented in the well record is generally characterized by a layer of limestone between 10 and 40m overlying sandstone. The search also identified 32 records for wells within the study area. A copy of select well records has been included in Appendix 2.

Areas of Natural Significance

One area of natural significance was identified within the Phase I Study Area. A small portion of Stony Swamp falls within the Phase I Study Area immediately to the north of the Phase I Property.

Water Bodies

Two waterbodies were identified within the Phase I Study Area. Miron Quarry is a manmade body of water approximately 150m in diameter that is the result of the flooding of a historical active quarry. It is located on 4497B O'Keefe Court and feeds the second waterbody, Beaver Pond on 4497A O'Keefe Court. These waterbodies outlet to drainage channels that ultimately flow south to the Jock River. No other water bodies were identified in the Phase I Study Area.

5.0 INTERVIEWS

Property Owner Representative

As part of this assessment Mr. Kevin Murphy, (Vice-President of Land Development – Mattamy Corporation) was interviewed via telephone on June 28, 2024. According to Mr. Murphy, the property was purchased by Mattamy Corporation around 2015. Mr. Murphy stated that he is not aware of any development of the property prior to this acquisition and that no development has taken place since the acquisition. Mr. Murphy indicated that a portion of the property had previously been used as a quarry. Mr. Murphy indicated that the site is not serviced by any underground utilities, but it does have aboveground hydro utilities passing through its borders. Mr. Murphy was not aware of the historical or modern presence of any fuel storage tanks, imported fill material, spills, or anything else that may be a potentially contaminating activity on the Phase I Property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on June 17, 2024. Weather conditions were sunny, with a temperature of approximately 30°C. Mr. Mark Bujaki from the Environmental Department of Paterson Group conducted the site assessment. The duration of the site visit was approximately 2 hours. 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 from publicly accessible areas.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

There are no buildings present on the Phase I Property. The Phase I Property is bisected by a row of large hydro electrical poles.

Site Features

The Phase I Property is made up of two vacant parcels of land bisected by a hydro electrical corridor. The topography of Phase I Property is undulating and drainage occurs through infiltration; the ground surface is covered with a combination of low-lying vegetation, established mature forests, wetland, and some exposed rock outcrops. There are two bodies of water on the Phase I Property, a flooded former quarry and a pond.

No sheen, film, foam or other evidence of potential contamination was observed in either waterbody. No signs of stressed vegetation, or surficial staining is evident on the Phase I Property. Fill placement was noted on the west side of the Phase I Property south of the hydro electrical corridor.

Subsurface Services and Utilities

The Phase I Property is undeveloped. There are no known underground services or utilities on-site. It is our understanding that the property will be serviced for residential use upon development.

Fuels and Chemical Storage

No fuels or chemicals are stored at the Phase I Property.

Unidentified Substances

No unidentified substances were noted on the Phase I Property at the time of the site visit.

Current or Former Rail or Spur Lines

No evidence of existing former rail or spur lines was observed on the Phase I Property at the time of the site visit.

Waste Management

Waste is not currently generated on the Phase I Property.

Groundwater Monitoring Wells

At the time of the site inspection, three monitoring wells were observed on the property addressed 4497B O'Keefe Court. These are consistent with the wells BH6-24, BH7-24, and BH8-24 which were installed in 2024 for long term groundwater monitoring in anticipation of future development needs.

One monitoring well was observed on the property addressed 4497A O'Keefe Court. This well was located within the area of fill placement. The well did not have an observable identification number and a digital record of this well could not be located.

Two monitoring wells were observed offsite at 4497 O'Keefe Court. One of these wells was registered with the ministry and was installed for domestic purposes. A digital record could not be located for the other well.

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 is as follows:

- ☐ North: Highway 416 followed by vacant treed land and Stoney Swamp;
- ☐ South: Lytle Park and vacant treed land followed by O'Keefe Court and Fallowfield Road;
- ☐ East: Residential dwellings and Cedarhill Golf Course followed by Cedarview Road and vacant farmland;
- ☐ West: Highway 416 followed by commercial and industrial properties including car dealerships, a construction company, towing yard, and a Hydro Ottawa yard;

There are multiple land uses within the Phase I Study Area including residential land use east of the Phase I Property, commercial and industrial businesses to the west and parkland south of the Phase I Property.

A monitoring well was observed on a neighbouring property approximately 100m south of the Phase I Property at 4497 O'Keefe Court. No disturbed soil, or abundant debris were observed on the properties in the immediate vicinity of the Phase I Property.

A PCA was identified for the portion of Highway 416 lying directly west of the Phase I Property. This PCA was the result of potential road salt impacts along Highway 416, however, this activity does not pose a risk to the Phase I Property.

Additional PCAs are noted west of the Phase I property, across Highway 416. These potentially contaminating activities are considered sufficiently far from the Phase I Property that they do not pose a risk.

Surrounding land use and PCAs are shown on Drawing PE6605-2 – Surrounding Land Use Plan (SLUP). Those PCAs not considered to result in APECs on the Phase I Property are presented in green, while PCAs considered to result in APECs are presented in red.

Site features are presented on Drawing PE6605-1 – Site Plan, provided in the Figures section following the text.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I Property has always been vacant, undeveloped land, likely used for agricultural purposes until the early 1960's where a portion was used as a quarry and a concrete plant for approximately 5 years. The site has been vacant and unutilized since.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, two potentially contaminating activities (PCAs) were identified on the Phase I Property. The first of these activities pertains to the importation of fill material onto the west side of the Phase I Property in the 1990s. Between 1991 and 2001 the Phase I property belonged to the department of transportation. Within this same time period the construction of Highway 416 was ongoing. It is believed that the fill material was the byproduct of the construction of Highway 416. This PCA is considered to result in an Area of Potential Environmental Concern on the Phase I Property.

The second onsite PCA pertains to the historical operation of a concrete plant on the west side of 4497B O'Keefe Court. This PCA is also considered to result in an APEC on the Phase I Property.

Eight off-site PCAs were identified within the Phase I Study Area. PCA No.3 pertains to salt impacts resulting from the application of road salt on Highway 416. This activity is not considered to case and APEC on the Phase I Property.

The fourth PCA pertains to waste generation associated with the operation of a FedEx trucking warehouse at 985 Moodie Drive. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCA No.5 pertains to the generation of waste oils and lubricants at 995 Moodie Drive associated with a commercial landscaping company. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCA No. 6 pertains to the bulk storage of pool chemicals at 999 Moodie Drive associated with the operation of a commercial swimming pool supply store. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCAs No.7, No.8, and No.9 all pertain to Hydro Ottawa operations a 201 Dibblee Road. The first is related to wastes from the use of pigments, coating and paints. The second is related to transformer storage on the aforementioned property and the third is related to the generation of alkaline solution, oil, sludge, slurry and solid waste. Based on significant separation distance these PCAs are not considered to pose an environmental risk for the Phase I Property.

The final PCA pertains to the operation of service garages for commercial car dealerships located at 510, 520, and 530 Motor Works Private. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

Site features and surrounding land use can be seen on Drawing PE6605-1 – Site Plan and Drawing PE6605-2 – Surrounding Land Use, respectively.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, bedrock beneath the Phase I Property consists of sandstone and dolostone of the March Formation. It was reported that surficial soils consist of organic deposits, Paleozoic rock, till and offshore marine sediment overburden soils. Hydrogeological conditions are considered to mimic the overland flow direction; as a result, groundwater is expected to flow south towards the Jock River.

Fill Placement

Based on the historical use of the Phase I ESA Property as agricultural land, fill material is not likely present on the majority of the Phase I ESA Property. However, aerial imagery suggests that a significant volume of fill material was deposited on the west portion of the site between 1991 and 1999. This fill is considered to result in an Area of Potential Environmental Concern on the Phase I Property.

Areas of Natural Significance

One area of natural significance was identified within the Phase I Study Area. A small portion of Stony Swamp falls within the Phase I Study Area immediately to the north of the Phase I Property.

Water Bodies

Miron quarry and Beaver Pond are two water bodies identified within the Phase I Property. These hydrologically connected water bodies both drain through outlet

channels to the south, ultimately to the Jock River. No other natural water bodies were identified in the Phase I Study Area.

Drinking Water Wells

Five well records were identified in the ERIS report as being located on the Phase I Property and providing drinking water. None of these wells appear to be in active use. Nineteen drinking water well records were identified in the ERIS report as being within 250m of the Phase I Property, some of which appear to be in use. Three records of observation wells were identified within the Phase I Study Area, each of which was converted from a previously existing livestock water supply well.

Existing Buildings and Structures

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

Subsurface Structures and Utilities

The Phase I Property is not municipally serviced. There are no underground utilities and/or structures on the Phase I Property.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of residential, agricultural, commercial, industrial and parkland. Surrounding land use is shown on Drawing PE6605-2 – Surrounding Land Use Plan, attached.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Two PCAs were identified on the Phase I Property, both of which are considered to result in APECs. Eight off-site PCAs were identified within the Phase I Study Area; none of which are considered to have resulted in an APEC on the Phase I Property, as presented in the table below.

Table 1: Areas of Potential Environmental Concern

Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminants of potential concern	Media potentially impacted (Groundwater, soil and/or sediment)
APEC 1 (Fill Material Imported in the 1990s)	Northwestern portion of the property addressed 4497 A O'Keefe Court.	PCA 30: Importation of Fill Material of Unknown Quality	On-Site	PHCs (F1-F4) Metals, PAHs	Soil
APEC 2 (Former Concrete Plant)	Western portion of the property addressed 4497 B O'Keefe Court	PCA 12: Concrete, Cement and Lime Manufacturing	On-Site	BTEX, PHCs, Metals	Soil and / or Groundwater

Off-site PCAs not considered to result in APECs on the Phase I Property include the following:

- ☐ ID #3 – PCA 48: Salt Manufacturing, Processing and Bulk Storage Associated with Road Salt Application to Highway 416.
- ☐ ID #4 – PCA 11: Commercial Trucking and Container Terminals Associated with the FedEx Trucking and Warehouse Operating at 985 Moodie Drive Resulting in the Generation of Oil Skimming's and Sludges, Inorganic Chemicals and Organic Chemicals.
- ☐ ID #5 – PCA N/A: Operations resulting in the generation of waste oils and lubricants associated with a landscaping contractors' yard at 995 Moodie Drive.
- ☐ ID #6 – PCA 8: Chemical Manufacturing, Processing and Bulk Storage associated with a commercial swimming pool supply store located at 999 Moodie Drive.
- ☐ ID #7 – PCA 39: Paints Manufacturing, Processing and Bulk Storage associated with Hydro Ottawa operations at 201 Dibblee Road.
- ☐ ID #8 – PCA 55: Transformer Manufacturing, Processing and Use associated with Hydro Ottawa transformer storage at 201 Dibblee Road.
- ☐ ID #9 – PCA N/A: Operations resulting in the generation of oils/sludges, alkaline solutions and other inorganic sludge, slurry, and solid waste associated with Hydro Ottawa operations at 201 Dibblee Road.
- ☐ ID #10 – PCA 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems associated with the operation of car dealerships and service garages at 510, 520, and 530 Motor Works Private.

As previously discussed, these PCAs are not considered to result in APECs on the Phase I Property based on separation distance, orientation relative to groundwater flow direction, nature of the activity, and/or low mobility of associated contaminants of potential concern (CPCs).

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I is considered to be sufficient to conclude that there are two PCAs that have resulted in two 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.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Mattamy Corporation to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 4497A and 4497B O'Keefe Court in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I ESA Property has historically been used for agricultural purposes, with a small portion utilized for aggregate extraction between approximately 1960 and 1968. The Phase I Property has never been developed and exists as vacant, partially treed land. Two (2) historical potentially contaminating activities (PCAs) were identified on the Phase I Property, which are considered to have resulted APECs on the Phase I Property. The first is the historical operation of a concrete plant and the second is the placement of fill of unknown quality which is suspected to be the result of the Ministry of Transportations construction of Highway 416.

The historical use of the surrounding lands consisted of primarily agricultural with some residential, and more recently, industrial land use. No potentially contaminating activities were identified with respect to the historical use of the surrounding lands.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant, undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No additional PCAs were observed on the Phase I Property at the time of the site visit, however, evidence of the two aforementioned PCAs on the Phase I Property was observed.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial, industrial, and parkland use. Seven existing off-site PCAs were identified within the Phase I Study Area, all of which were west of Highway 416. Based on separation distance, none of these PCAs were considered to pose an environmental risk for the Phase I Property.

8.2 Recommendations

Based on our findings of the assessment, it is our opinion that **a Phase II Environmental Site Assessment is required for the Phase I Property.**

9.0 STATEMENT OF LIMITATIONS

This Phase I Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01 (R2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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 Mattamy Corporation. Permission and notification from the above noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mark Bujaki, B.Sc., MBA



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



August 19, 2024

Report Distribution:

- ☐ Mattamy Corporation
- ☐ Paterson Group

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.
PCB Waste Storage Site Inventory.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources

Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Report, dated June 11, 2024
ERIS Report, dated June 20, 2024

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE6605-1 – SITE PLAN

DRAWING PE6605-2 – SURROUNDING LAND USE PLAN

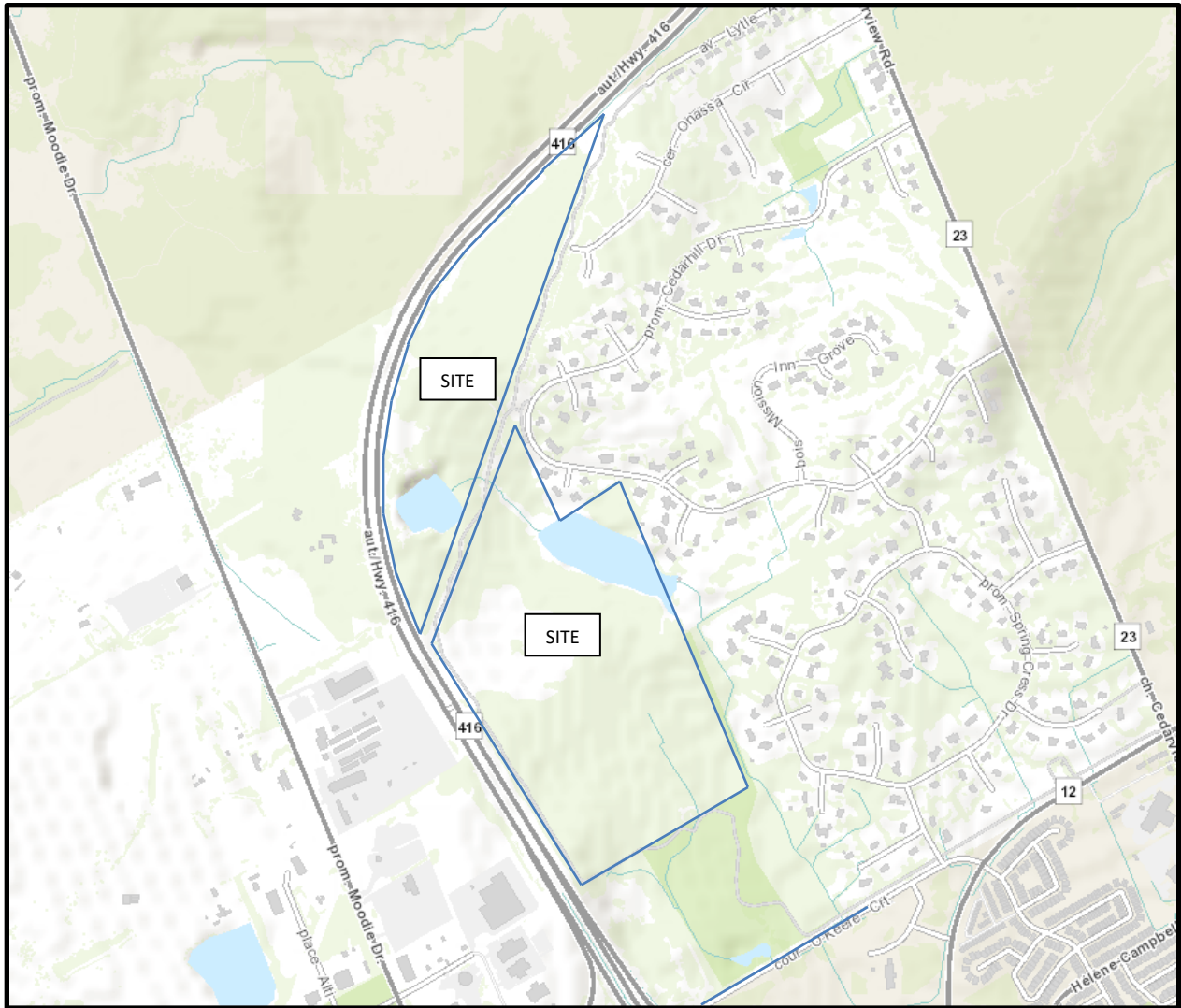


FIGURE 1
KEY PLAN

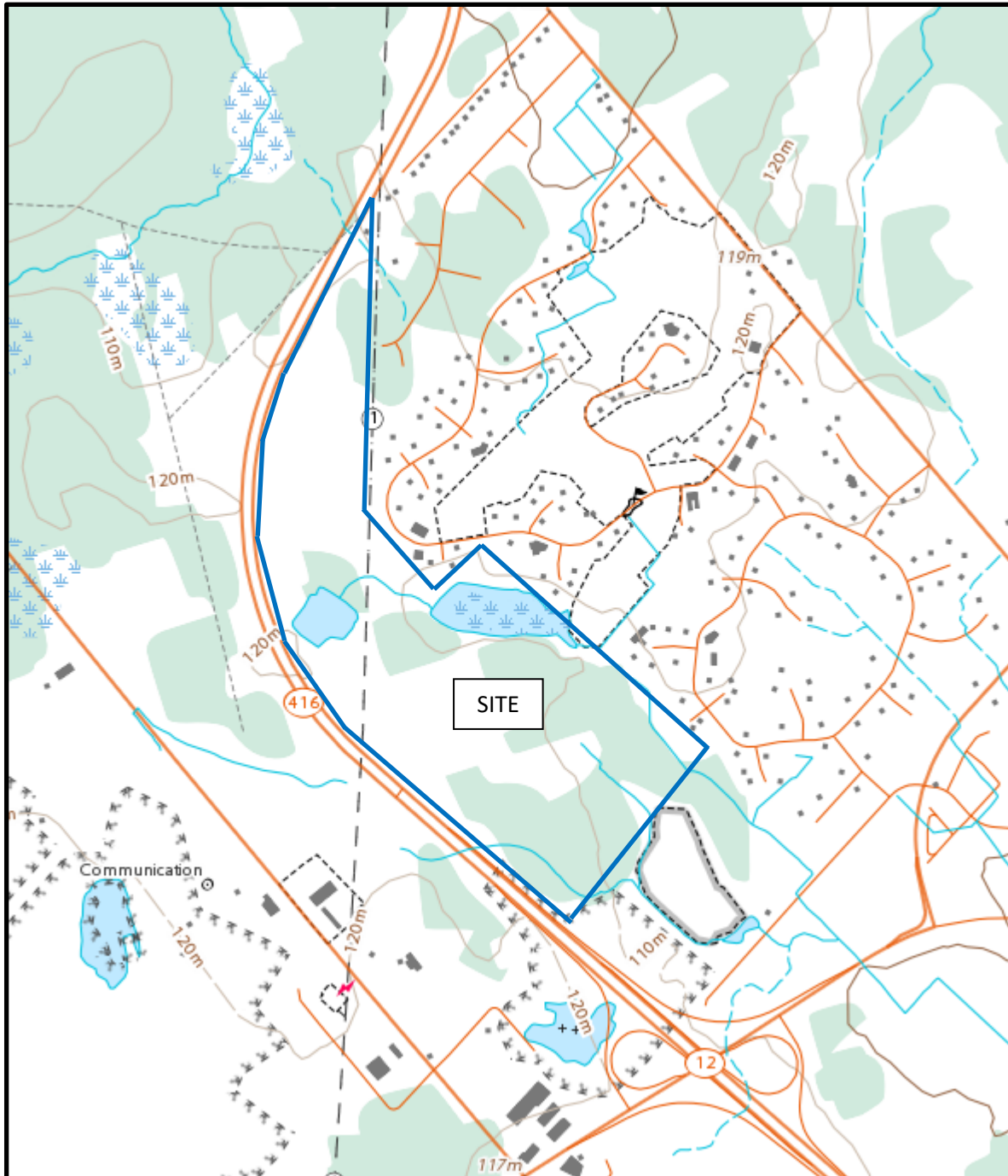
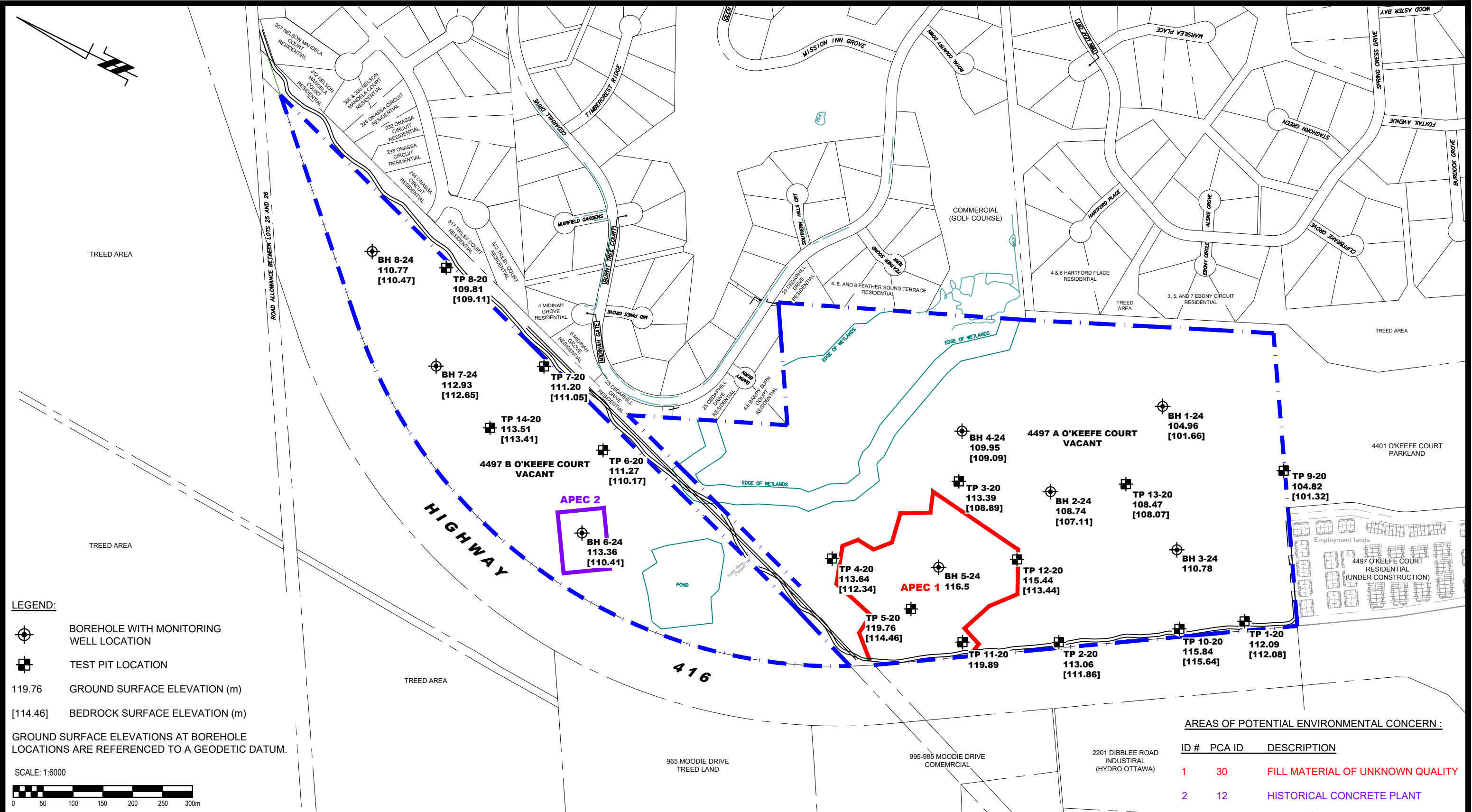


FIGURE 2
TOPOGRAPHIC MAP



LEGEND:

BOREHOLE WITH MONITORING WELL LOCATION

TEST PIT LOCATION

119.76 GROUND SURFACE ELEVATION (m)

[114.46] BEDROCK SURFACE ELEVATION (m)

GROUND SURFACE ELEVATIONS AT BOREHOLE LOCATIONS ARE REFERENCED TO A GEODETIC DATUM.

SCALE: 1:6000

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN :		
ID #	PCA ID	DESCRIPTION
1	30	FILL MATERIAL OF UNKNOWN QUALITY
2	12	HISTORICAL CONCRETE PLANT

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

NO.	REVISIONS	DATE	INITIAL

MATTAMY CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
4497A AND 4497B O'KEEFE COURT

OTTAWA,
Title:

ONTARIO

SITE PLAN

Scale: 1:6000

Drawn by: YA

Checked by: MB

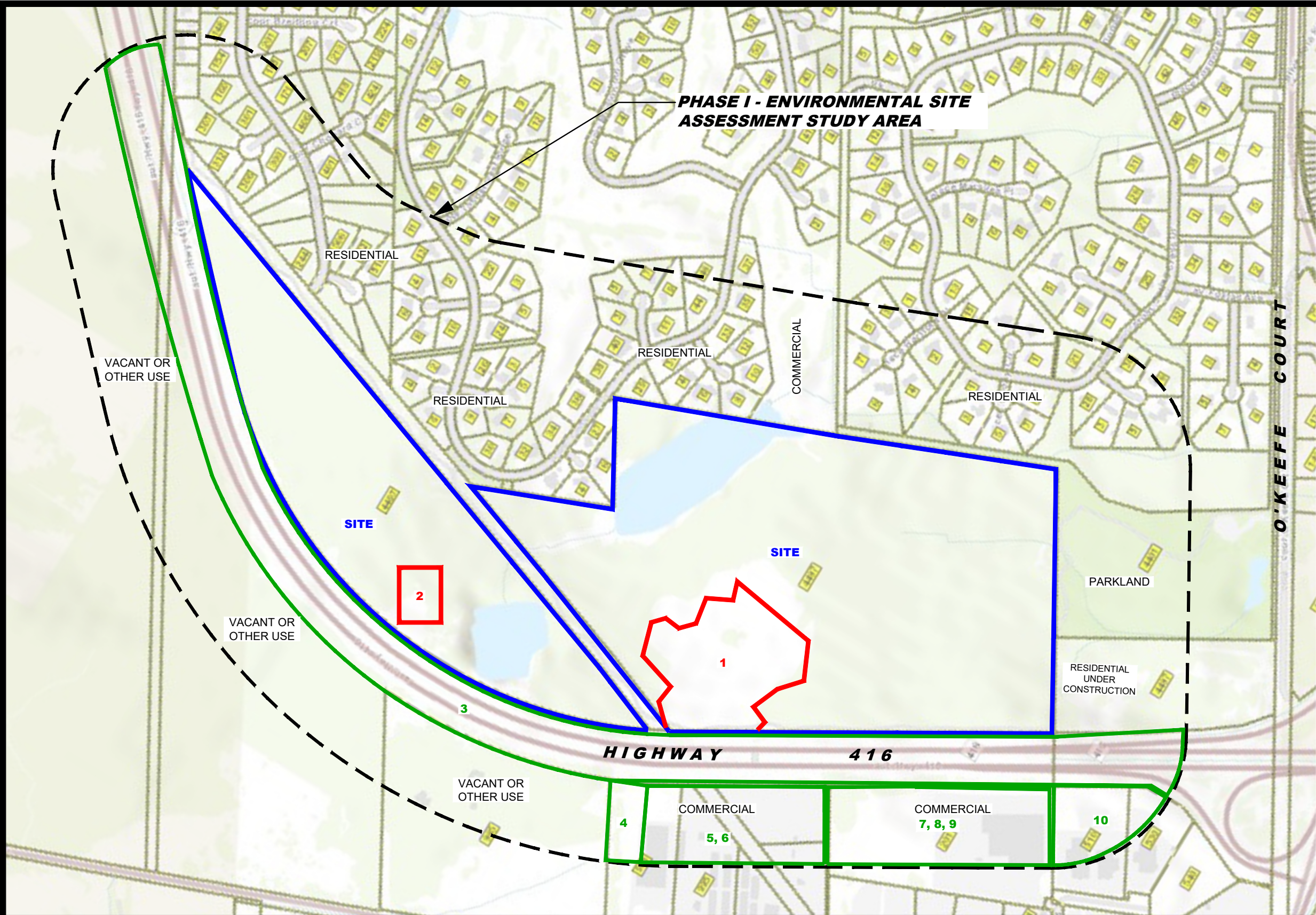
Approved by: MSD

Date: 06/2024

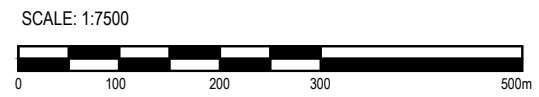
Report No.: PE6605-1


Dwg. No.: PE6605-1

Revision No.:



POTENTIALLY CONTAMINATING ACTIVITIES :		
ID #	PCA ID	DESCRIPTION
1	30	IMPORTETION OF FILL MATERIAL OF UNKNOWN QUALITY ASSOCIATED WITH AN AREA OF FILL ON THE WEST PORTION OF THE SITE.
2	12	CONCRETE, CEMENT AND LIME MANUFACTURING ASSOCIATED WITH A SUSPECTED CONCRETE PLANT.
3	48	SALT MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH ROAD SALT APPLICATION TO HIGHWAY 416.
4	11	COMMERCIAL TRUCKING AND CONTAINER TERMINALS ASSOCIATED WITH THE FED EX TRUCKING AND WAREHOUSE OPERATING AT 985 MOODIE DRIVE RESULTING IN THE GENERATION OF OIL SKIMMINGS AND SLUDGES, INORGANIC CHEMICALS AND ORGANIC CHEMICALS.
5	N/A	STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH A LANDSCAPING CONTRACTORS YARD PRODUCING WASTE OILS AND LUBRICANTS AT 995 MOODIE DRIVE.
6	8	CHEMICAL MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH A COMMERCIAL SWIMMING POOL SUPPLY STORE LOCATED AT 999 MOODIE DRIVE.
7	39	PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH HYDRO OTTAWA OPERATIONS AT 201 DIBBLEE ROAD.
8	55	TRANSFORMER MANUFACTURING, PROCESSING AND USE ASSOCIATED WITH HYDRO OTTAWA TRANSFORMER STORAGE AT 201 DIBBLEE ROAD.
9	N/A	STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH HYDRO OTTAWA OPERATIONS AT 201 DIBBLEE ROAD RESULTING IN THE PRODUCTION OF ALKALINE SOLUTIONS CONTAINING HEAVY METALS, WASTE OILS/SLUDGES, WASTE COMPRESSED GASSES AND OTHER INORGANIC SULDGES, SLURRIES OR SOLIDS.
10	52	STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH THE OPERATION OF CAR DEALERSHIPS AND SERVICE GARAGES AT 510, 520, AND 530 MOTOR WORKS PRIVATE





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

NO.	REVISIONS	DATE	INITIAL

MATTAMY CORPORATION

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
4497A AND 4497B O'KEEFE COURT

OTTAWA, ONTARIO

Title: SURROUNDING LAND USE PLAN

Scale: 1:7500

Drawn by: GK

Checked by: MB

Approved by: MSD

Date: 07/2024

Report No.: PE6605-1

Dwg. No.: PE6605-2

Revision No.:

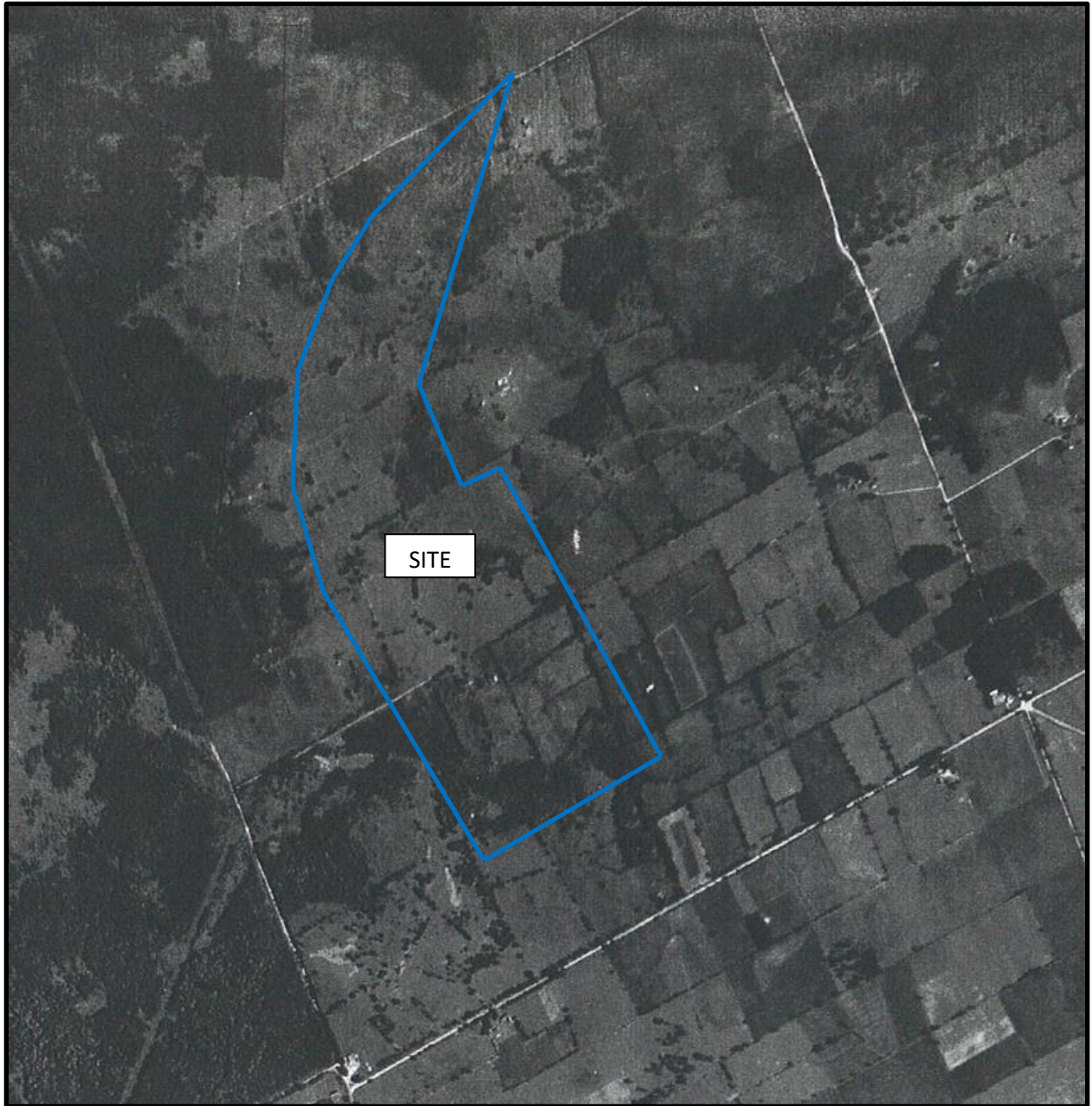
APPENDIX 1

AERIAL PHOTOGRAPHS

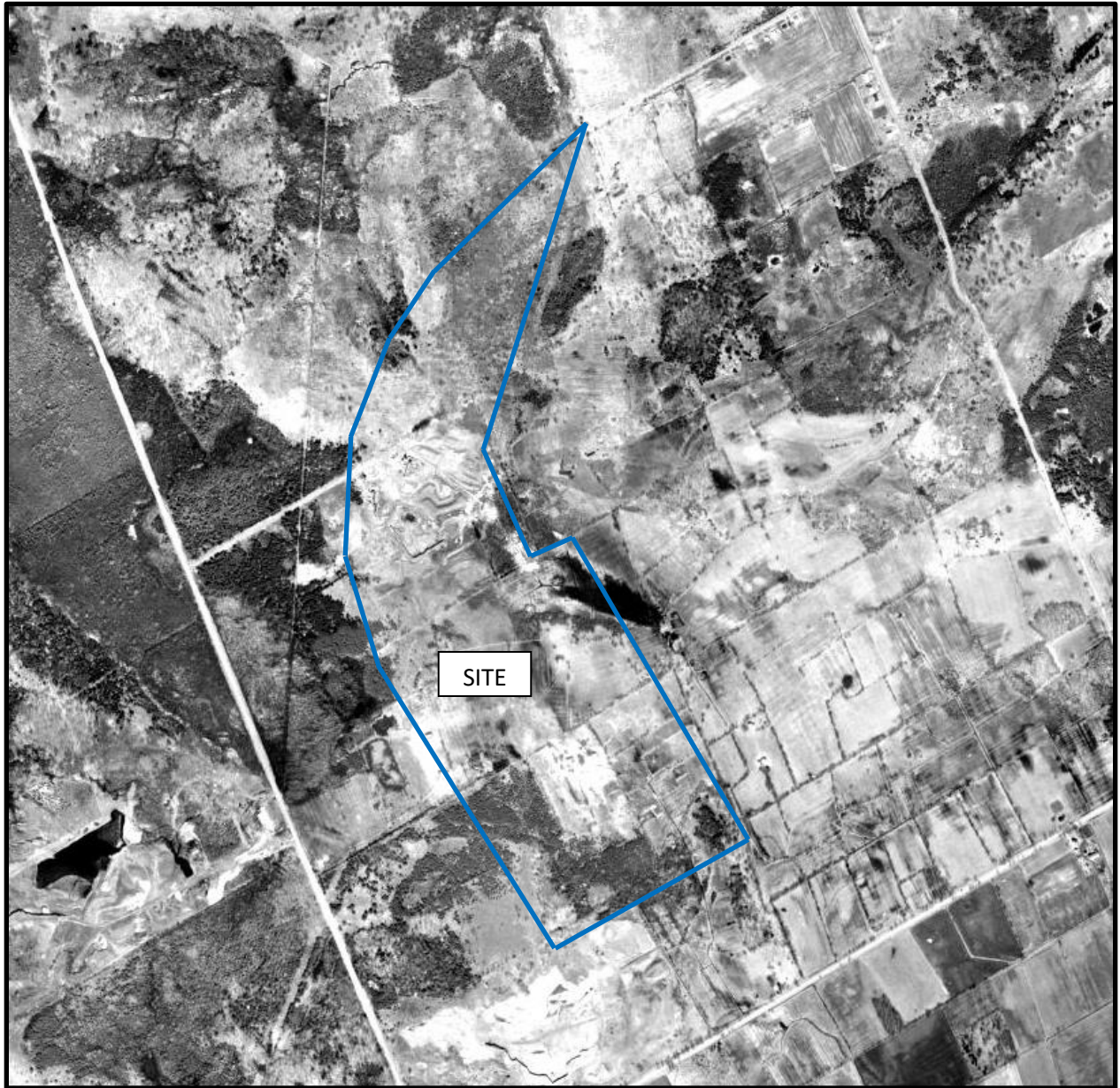
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1945



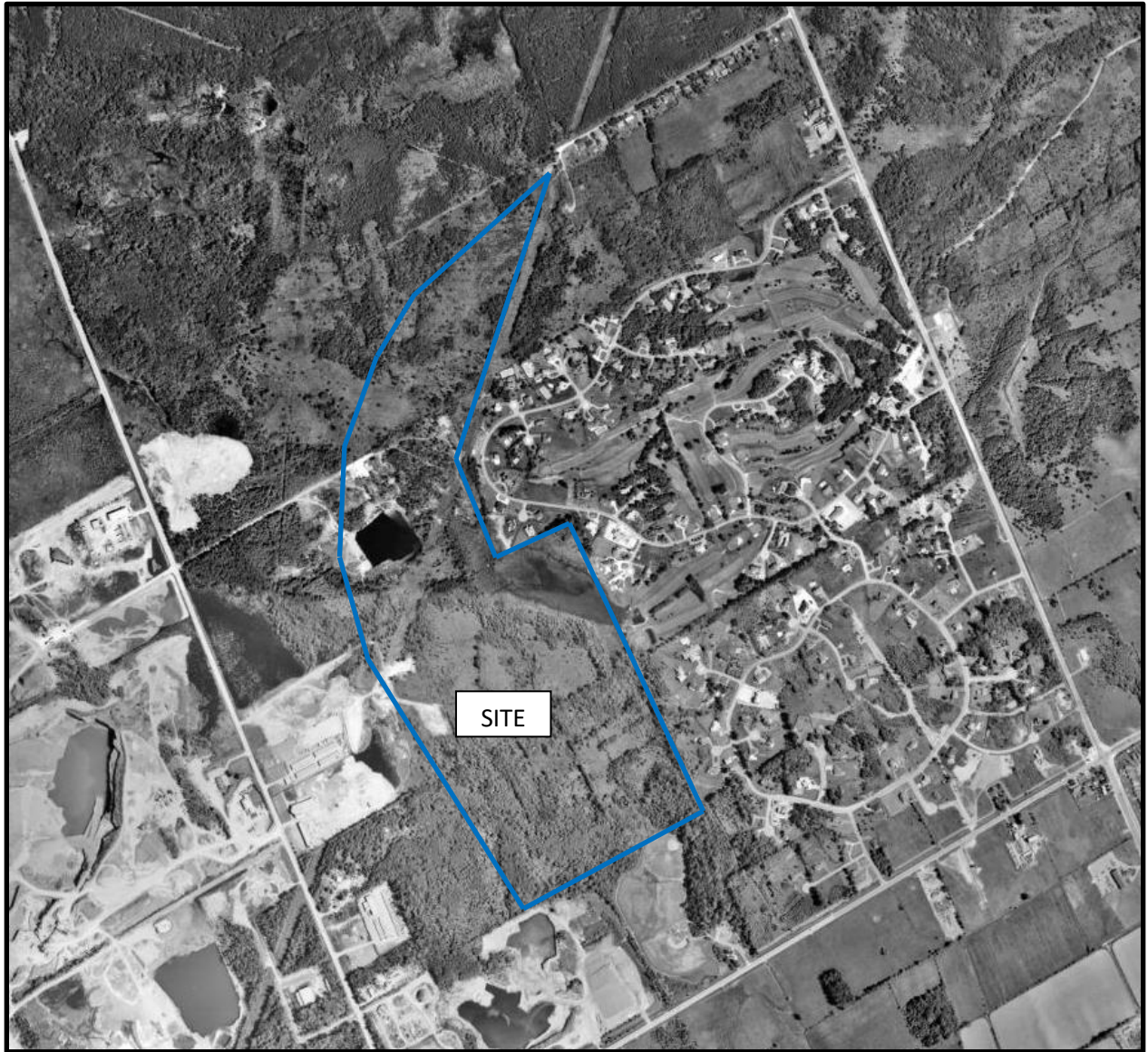
AERIAL PHOTOGRAPH
1955



AERIAL PHOTOGRAPH
1965



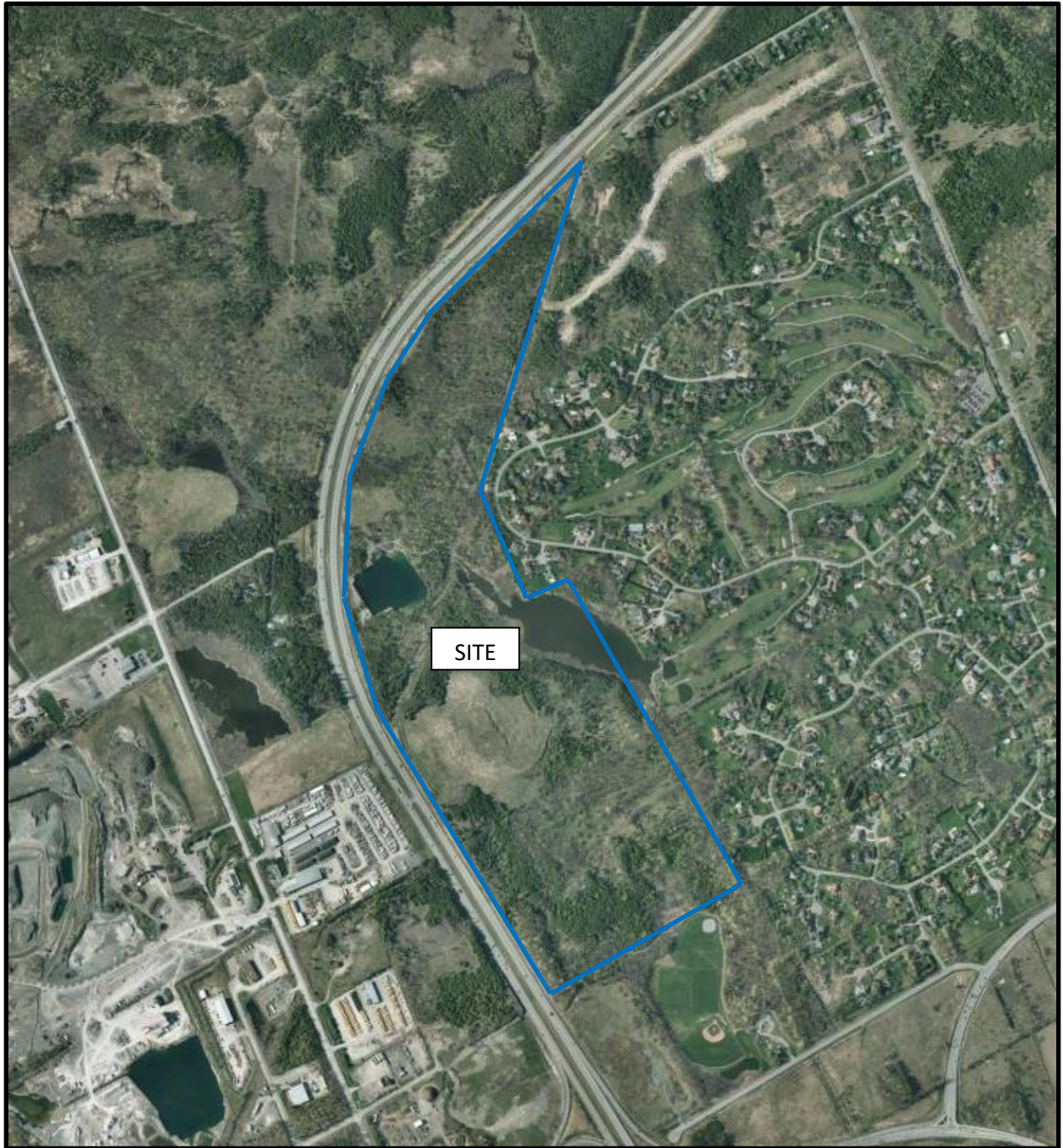
AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2022

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 1: View looking east at APEC 1 from 4497A O'Keefe Court.



Photograph 2: View looking south along the west edge of the Phase I Property from the hydroelectric easement.

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 3: View looking north at 4497A O'Keefe Court from 4497 A O'Keefe Court.



Photograph 4: View looking south, at BH6-24 and the Historical Location of APEC 2 from 4497B O'Keefe Court.

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 5: View looking southwest at 4497B O'Keefe Court from the Phase I Property.



Photograph 6: View looking east across the inactive quarry, from the Phase I Property.

APPENDIX 2

TSSA CORRESPONDANCE

MECP WELL RECORDS

MECP FREEDOM OF INFORMATION

CITY OF OTTAWA HLUI

ERIS REPORTS

Mark Bujaki

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: June 19, 2024 2:21 PM
To: Mark Bujaki
Subject: RE: PE6605 - Records Search Request

RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are records in our current database of any fuel storage tanks at the subject address(es).

Inventory Number	Address	City	Province	Postal Code	Reason Code	Asset Type / Inventory Item
64589042	995 MOODIE DR	OTTAWA	ON	K2R 1H4	Active	FS APPLIANCE

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

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

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

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

Kind regards,



Kimberly Gage | Public Information & Records Agent

Public Information

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org

www.tssa.org





Winner of 2024 5-Star Safety Cultures Award

From: Mark Bujaki <mbujaki@Patersongroup.ca>
Sent: Wednesday, June 19, 2024 1:17 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE6605 - 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.

Good Afternoon,

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

4401 O'Keefe Court
4497 O'Keefe Court
4497 A O'Keefe Court
4497 B O'Keefe Court

201 Dibblee Road

510 Motor Works Priv

965 Moodie Drive
985 Moodie Drive
995 Moodie Drive
999 Moodie Drive

Thank you very much,



MARK BUJAKI
Junior Environmental
Scientist
Environmental Division
TEL: (613) 226-7381 ext. 335
DIRECT: (613) 696-9651
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

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

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

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



The Ontario Water Resources Act

WATER WELL RECORD

1527561

MUNICIP.
15008

CON.
|CON|

104

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

11

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC.	LOT
Ottawa Carleton	Nepean	4	22
ADDRESS		DATE COMPLETED	
1454 Spartan Grove, Greely, Ontario K0A 1Z0		48-53	
		DAY 7 MO 10 YR 93	

21	UTM	ZONE	EASTING	NORTHING	RC	ELEVATION	RC	BASIN CODE	II	III	IV
	10	12	14	16	18	20	22	24	26	28	30

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

41		WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER		
10-13	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	14
65			
15-18	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	19
85			
20-23	NOT TESTED		24
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	
25-28	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	29
30-33	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	34

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4 ¹⁰⁻¹¹	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC	.188	0	26 ¹³⁻¹⁶
6 ¹⁷⁻¹⁸	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		26	73 ²⁰⁻²³
5 7/8 ²⁴⁻²⁵	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		73	98 ²⁷⁻³⁰

SCREEN	SIZE OF OPENING SLOT NO 1	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES		FEET
	MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN		41-44	10
					FEET	

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)	
FROM	TO		
10-13 22	14-17 0	Grouted Cement (4)	
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER			30		GPM	15-16 17-18 HOURS MINS	
	STATIC LEVEL	WATER LEVEL END OF PUMPING		25	WATER LEVELS DURING		1 <input type="checkbox"/> PUMPING 2 <input checked="" type="checkbox"/> RECOVERY	
	19-21	22-24		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES	
	9 FEET	25 FEET		26-28 11 FEET	29-31 9 FEET	32-34 9 FEET	35-37 9 FEET	
	IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42
		GPM	25		FEET		1 <input type="checkbox"/> CLEAR 2 <input checked="" type="checkbox"/> CLOUDY	
RECOMMENDED PUMP TYPE			RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP			50		FEET		5	GPM

<p>54</p> <p>FINAL STATUS OF WELL</p>	<p>1 <input checked="" type="checkbox"/> WATER SUPPLY</p> <p>2 <input type="checkbox"/> OBSERVATION WELL</p> <p>3 <input type="checkbox"/> TEST HOLE</p> <p>4 <input type="checkbox"/> RECHARGE WELL</p>	<p>5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY</p> <p>6 <input type="checkbox"/> ABANDONED POOR QUALITY</p> <p>7 <input type="checkbox"/> UNFINISHED</p> <p><input type="checkbox"/> DEWATERING</p>
<p>55-56</p> <p>WATER USE</p>	<p>1 <input checked="" type="checkbox"/> DOMESTIC</p> <p>2 <input type="checkbox"/> STOCK</p> <p>3 <input type="checkbox"/> IRRIGATION</p> <p>4 <input type="checkbox"/> INDUSTRIAL</p> <p><input type="checkbox"/> OTHER</p>	<p>5 <input type="checkbox"/> COMMERCIAL</p> <p>6 <input type="checkbox"/> MUNICIPAL</p> <p>7 <input type="checkbox"/> PUBLIC SUPPLY</p> <p>8 <input type="checkbox"/> COOLING OR AIR CONDITIONING</p> <p>9 <input type="checkbox"/> NOT USED</p>
<p>57</p> <p>METHOD OF CONSTRUCTION</p>	<p>1 <input type="checkbox"/> CABLE TOOL</p> <p>2 <input type="checkbox"/> ROTARY (CONVENTIONAL)</p> <p>3 <input type="checkbox"/> ROTARY (REVERSE)</p> <p>4 <input type="checkbox"/> ROTARY (AIR)</p> <p>5 <input checked="" type="checkbox"/> AIR PERCUSSION</p>	<p>6 <input type="checkbox"/> BORING</p> <p>7 <input type="checkbox"/> DIAMOND</p> <p>8 <input type="checkbox"/> JETTING</p> <p>9 <input type="checkbox"/> DRIVING</p> <p><input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER</p>

LOCATION OF WELL

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

House #5

Doral Park

Cedar-hill

Spring Cres.

11'

14'

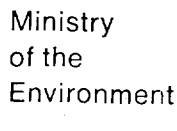
FW

138013

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	Box 490 Stittsville, Ontario K2S 1A6			
CONTRACTOR	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller/T. Harrison		T0097/T2251	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
	[Signature]		DAY 8 MO 10 YR 93	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	80
			1558		DEC 06 1993		
	DATE OF INSPECTION		INSPECTOR				
	REMARKS						



CON.
REF

104

2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

COUNTY OR DISTRICT

TOWNSHIP BOROUGH CITY, TOWN, VILLAGE

CON BLOCK TRACT SURVEY ETC

LOT	25-27
-----	-------

DATE COMPLETED

DAY 1 MO 5 YR 95

WING

RC.

ELEVATION

RC

BASIN CODE

14

100

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

OFFICE USE ONLY	DATA SOURCE	58 CONTRACTOR 3644	59-62 DATE RECEIVED JUL 17 1995	63-68 80
	DATE OF INSPECTION		INSPECTOR	
REMARKS				



The Ontario Water Resources Act **WATER WELL RECORD**

Mark correct box with a checkmark, where applicable.

1528797

Municipality 15008 Con. CON 04

County or District Ottawa Carleton		Township/Borough/City/Town/Village Nepean		Con block tract survey, etc. 4		Lot 21	
Owner's surname [REDACTED]		First name [REDACTED]		Address c/o Golders Ass. 1796 Courtwood Cres.		Date completed 17 day 11 month 95 year	
Easting [REDACTED]		Northing Ottawa, Ontario		RC K2C 2B5		Basin Code [REDACTED]	

[illegible]

WATER RECORD			
41			
Water found at - feet	Kind of water		
19-13	1 <input type="checkbox"/> Fresh 1 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	14
14-25	1 GPM		
15-18	1 <input type="checkbox"/> Fresh 1 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	19
108-118	1 GPM		
20-23	1 <input type="checkbox"/> Fresh 1 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	24
148-173	2 GPM		
NOT TESTED	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	29
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	34

51		32		43		CASING & OPEN HOLE RECORD			
Inside diam inches	Material	Wall thickness inches	Depth - feet		From	To			
			6 1/4	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			.188	0	14
6 1/16	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		14	173					
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic								

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen	41-44	30
				feet		

61				PLUGGING & SEALING RECORD			
<input type="checkbox"/> Annular space				<input type="checkbox"/> Abandonment			
Depth set at - feet				Material and type (Cement grout, bentonite, etc.)			
From		To					
10-13		14-17					
18-21		22-25					
26-29		30-33					

PUMPING TEST	Pumping test method <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailer		Pumping rate 4 GPM		Duration of pumping 1 Hours 17-18 Mins	
	Static level Water level end of pumping		25 Water levels during <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Recovery			
	19-21 8 feet 170 feet 170 feet 170 feet 170 feet 170 feet		22-24 15 minutes 30 minutes 45 minutes 60 minutes		26-28 29-31 32-34 35-37	
	If flowing give rate 38-41 GPM		Pump intake set at feet		Water at end of test 42 <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
	Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting 43-45 160 feet		Recommended pump rate 46-49 4 GPM	
	50-53					

<h2>FINAL STATUS OF WELL</h2> <p>54</p> <table> <tr> <td>1 <input type="checkbox"/> Water supply</td> <td>5 <input type="checkbox"/> Abandoned, insufficient supply</td> <td>9 <input type="checkbox"/> Unfinished</td> </tr> <tr> <td>2 <input type="checkbox"/> Observation well</td> <td>6 <input type="checkbox"/> Abandoned, poor quality</td> <td>10 <input type="checkbox"/> Replacement well</td> </tr> <tr> <td>3 <input checked="" type="checkbox"/> Test hole</td> <td>7 <input type="checkbox"/> Abandoned (Other)</td> <td></td> </tr> <tr> <td>4 <input type="checkbox"/> Recharge well</td> <td>8 <input type="checkbox"/> Dewatering</td> <td></td> </tr> </table>			1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished												
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well												
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)													
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering													
<h2>WATER USE</h2> <p>55-56</p> <table> <tr> <td>1 <input type="checkbox"/> Domestic</td> <td>3 <input type="checkbox"/> Commercial</td> <td>9 <input type="checkbox"/> Not used</td> </tr> <tr> <td>2 <input type="checkbox"/> Stock</td> <td>4 <input type="checkbox"/> Municipal</td> <td>10 <input checked="" type="checkbox"/> Other</td> </tr> <tr> <td>3 <input type="checkbox"/> Irrigation</td> <td>7 <input type="checkbox"/> Public supply</td> <td></td> </tr> <tr> <td>4 <input type="checkbox"/> Industrial</td> <td>5 <input type="checkbox"/> Cooling & air conditioning</td> <td></td> </tr> </table>			1 <input type="checkbox"/> Domestic	3 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used	2 <input type="checkbox"/> Stock	4 <input type="checkbox"/> Municipal	10 <input checked="" type="checkbox"/> Other	3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		4 <input type="checkbox"/> Industrial	5 <input type="checkbox"/> Cooling & air conditioning	
1 <input type="checkbox"/> Domestic	3 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used												
2 <input type="checkbox"/> Stock	4 <input type="checkbox"/> Municipal	10 <input checked="" type="checkbox"/> Other												
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply													
4 <input type="checkbox"/> Industrial	5 <input type="checkbox"/> Cooling & air conditioning													
<h2>METHOD OF CONSTRUCTION</h2> <p>57</p> <table> <tr> <td>1 <input type="checkbox"/> Cable tool</td> <td>5 <input checked="" type="checkbox"/> Air percussion</td> <td>9 <input type="checkbox"/> Driving</td> </tr> <tr> <td>2 <input type="checkbox"/> Rotary (conventional)</td> <td>6 <input type="checkbox"/> Boring</td> <td>10 <input type="checkbox"/> Digging</td> </tr> <tr> <td>3 <input type="checkbox"/> Rotary (reverse)</td> <td>7 <input type="checkbox"/> Diamond</td> <td>11 <input type="checkbox"/> Other</td> </tr> <tr> <td>4 <input type="checkbox"/> Rotary (air)</td> <td>8 <input type="checkbox"/> Jetting</td> <td></td> </tr> </table>			1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving												
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging												
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other												
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting													

LOCATION OF WELL

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


Fallowfield Rd

X
Monitoring
Well

Nepean
Depot

Moodie Dr.

167011

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0097
Signature of Technician/Contractor	Submission date
	day 17 mo 11 yr 95

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68	80
		1558		NOV 30 1995		
	Date of inspection	Inspector				
	Remarks					
	CSS.ES					



3195c

GROUND WATER BRANCH
15 No. 8115
DEC 7 1962
ONTARIO WATER
RESOURCES COMMISSION

UTM 118 2 14 3 17 15 19 15 E

5 R 15 0 1 15 6 6 0 N

The Ontario Water Resources Commission Act

Elev. 14 R 0 3 1 4 0

WATER WELL RECORD

Basin 25 CARLETON
County or District

Township, Village, Town or City NEPEAN

Con. # 4 R E Lot # 25

Date completed 30 AUG 1962
(day month year)

ress. 83 1/2 MELROSE

Casing and Screen Record

Inside diameter of casing 4"
Total length of casing 20' 5"
Type of screen NONE
Length of screen "
Depth to top of screen "
Diameter of finished hole 4"

Pumping Test

Static level 12'
Test-pumping rate 5 G.P.M.
Pumping level 12'
Duration of test pumping 1 1/2
Water clear or cloudy at end of test
Recommended pumping rate 5 G.P.M.
with pump setting of 30' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

DARK SANDY SOIL WITH BOULDERS
SANDY SILT

From ft.

To ft.

Depth(s) at which water(s) found

Kind of water (fresh, salty, sulphur)

0
12'12'
76' 5"

76' 5"

FRESH

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

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

Drilling or Boring Firm WALTER J. KING

Address 48 KEMPSTER OTTAWA 3

Licence Number 617

Name of Driller or Borer J. ADAMS

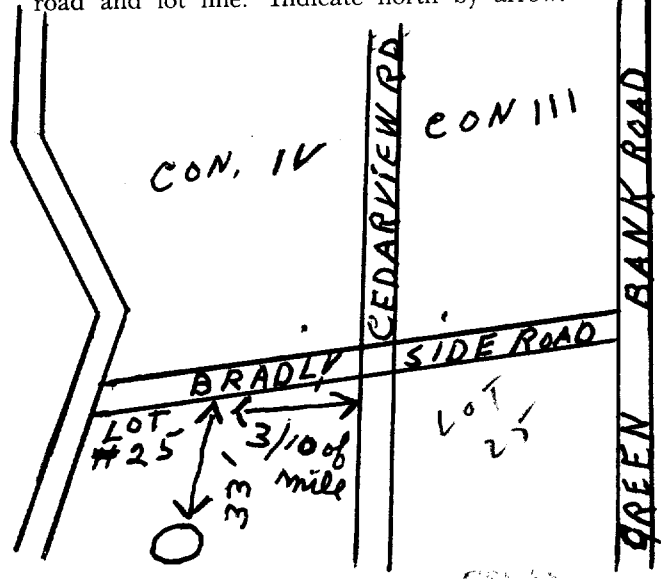
Address RAMSAYVILLE ONT.

Date Aug 30th 1962

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



UTM 18 14374815E
5R 5015595N



31G5c

15 No 6118

Elev. 4R 0350

WATER WELL RECORD

Basin 25
County or District 1 Carleton
Con. 4 R.F. Lot 25

Township, Village, Town or City Nepean
Date completed 21 Sept 1967
(day month year)
Address 874 Kirkwood Ave
Ottawa

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 20'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 5"

Pumping Test

Static level 10'
Test-pumping rate 10 G.P.M.
Pumping level 30
Duration of test pumping 1 hr
Water clear or cloudy at end of test 5 clear
Recommended pumping rate 5 G.P.M.
with pump setting of 50 feet below ground surface

Well Log

Overburden and Bedrock Record

sandstone

Water Record

From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
0	62	60	fresh

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

new house

Is well on upland, in valley or on hillside?

upland

Drilling or Boring Firm

Capital Water Supply Ltd

Address

14 Ashford Dr
Ottawa 6

Licence Number

2381

Name of Driller or Borer

H Mains

Address

Date

21 Sept 1967

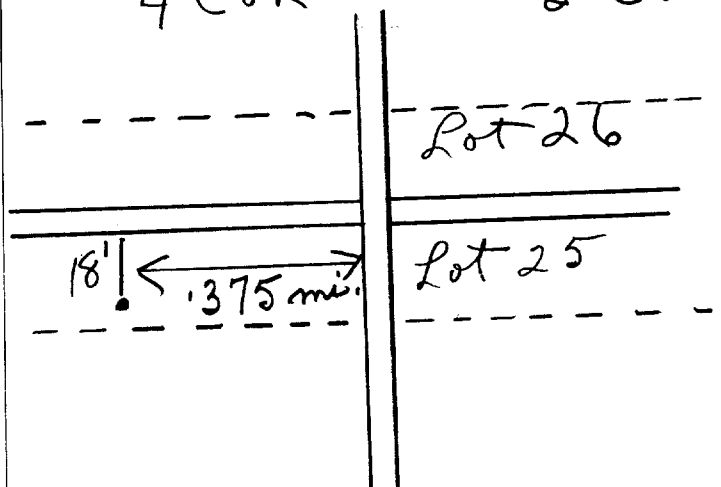
Halter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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

4 Con

3 Con





Ontario

3/65c

WATER WELL RECORD

11

1518657

MUNICIP.
15008

CON.
RF

09

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

10	14
CON. BLOCK, TRACT, SURVEY ETC	

DATE COMPLETED _____

DAY 15 MO 08 YR 83

Monterey Dr.; Nepean, Ontario

615499

ELEVATION
0350

RC 4	SAC IN CODE 26
----------------	--------------------------

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

MOE
VF-18

31 000860501 00116281179 015021873

32

41 WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER			
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR	14			
0070	2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL				
15-18	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR	19			
0145	2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL				
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR	24			
	2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL				
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR	29			
	2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL				
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR	34			
	2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL				

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES		MATERIAL		WALL THICKNESS INCHES		DEPTH - FEET	
						FROM	TO
10-11	1 X STEEL	12					13-16
6 1/4	2 <input type="checkbox"/> GALVANIZED		188			0	0022
06 1/4	3 <input type="checkbox"/> CONCRETE						
	4 <input type="checkbox"/> OPEN HOLE						
17-18	1 <input type="checkbox"/> STEEL	19					20-23
5 7/8	2 <input type="checkbox"/> GALVANIZED					22	0100
06 7/8	3 <input type="checkbox"/> CONCRETE						
	4 X OPEN HOLE						
24-25	1 <input type="checkbox"/> STEEL	26					27-30
5 13/16	2 <input type="checkbox"/> GALVANIZED					100	0150
06 13/16	3 <input type="checkbox"/> CONCRETE						
	4 X OPEN HOLE						

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

61 PLUGGING & SEALING RECORD

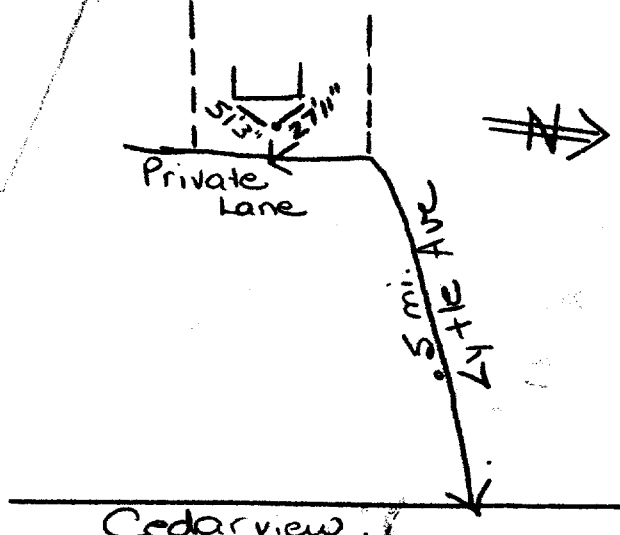
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

71	PUMPING TEST METHOD	10	PUMPING RATE	11-14	DURATION OF PUMPING
			0007		41

PUMPING TEST	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER		GPM		15-16 HOURS		17-18 MINS	
	STATIC LEVEL		WATER LEVEL END OF PUMPING		25 WATER LEVELS DURING		1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY	
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
	630	100	100 ²⁵⁻²⁶	100 ²⁹⁻³¹	100 ³²⁻³⁴	100 ³⁵⁻³⁷		
	FEET	FEET	FEET	FEET	FEET	FEET		
IF FLOWING GIVE RATE			PUMP INTAKE SET AT			WATER AT END OF TEST		
38-41						42		
GPM			FEET			1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY		
RECOMMENDED PUMP TYPE			RECOMMENDED PUMP SETTING			RECOMMENDED PUMPING RATE		
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP			125 ⁴³⁻⁴⁵			0005 ⁴⁶⁻⁴⁹		
			FEET			GPM		

LOCATION OF WELL

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



DRILLERS REMARKS

FINAL STATUS OF WELL	1 <input checked="" type="checkbox"/> WATER SUPPLY	5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
	2 <input type="checkbox"/> OBSERVATION WELL	6 <input type="checkbox"/> ABANDONED, POOR QUALITY
	3 <input type="checkbox"/> TEST HOLE	7 <input type="checkbox"/> UNFINISHED
	4 <input type="checkbox"/> RECHARGE WELL	

55-56

WATER USE **01**

1 <input type="checkbox"/> DOMESTIC	5 <input type="checkbox"/> COMMERCIAL
2 <input type="checkbox"/> STOCK	6 <input type="checkbox"/> MUNICIPAL
3 <input type="checkbox"/> IRRIGATION	7 <input type="checkbox"/> PUBLIC SUPPLY
4 <input type="checkbox"/> INDUSTRIAL	8 <input type="checkbox"/> COOLING OR AIR CONDITIONING
<input type="checkbox"/> OTHER	9 <input type="checkbox"/> NOT USED

METHOD OF DRILLING

57

1 ☐ CABLE TOOL

2 ☐ ROTARY (CONVENTIONAL)

3 ☐ ROTARY (REVERSE)

4 ☐ ROTARY (AIR)

5 ☒ AIR PERCUSSION

6 ☐ BORING

7 ☐ DIAMOND

8 ☐ JETTING

9 ☐ DRIVING

CONTRACTOR	NAME OF WELL CONTRACTOR		LICENCE NUMBER
	Capital Water Supply Ltd.		1558
	ADDRESS		
	Box 490; Stittsville, Ont. KOA 3G0		
CONTRACTOR	NAME OF DRILLER OR BORER		LICENCE NUMBER
	W. Kavanagh		
	SIGNATURE OF CONTRACTOR		SUBMISSION DATE
	[Signature]		DAY 15 MO. 08 YR. 88

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	61-68	69
	1	1538			24 11 83		
	DATE OF INSPECTION		INSPECTOR				
	REMARKS						



The Ontario Water Resources Act

1522195

MUNICIP

CON.

1. PRINT ONLY IN SPACES PROVIDED

2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

1 2

Year	Number of people (millions)
1900	4
1910	5
1920	6
1930	8
1940	10
1950	13
1960	16
1970	18
1980	20

[illegible]

31

32

41 WATER RECORD		51 CASING & OPEN HOLE RECORD				SCREEN		61 PLUGGING & SEALING RECORD	
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET		SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
					FROM	TO	INCHES		FEET
							DEPTH TO TOP OF SCREEN		41-64 FEET
10-13 117	1 <input checked="" type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	10-11 6 1 4	.188	0	20			
15-18	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	17-18 6 1 16		20	100			
20-23	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	24-25 5 15 75		100	125			
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)							
FROM	TO								
10-13	14-17								
18-21	22-25								
26-29	30-33								

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER			15 GPM			1 15-16 HOURS 17-18 MINS	
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25	WATER LEVELS DURING				
				1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY				
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
	3 FEET	50 FEET	50 FEET	50 FEET	50 FEET	50 FEET		
IF FLOWING, GIVE RATE		28-31	PUMP INTAKE SET AT		WATER AT END OF TEST			
		GPM	50 FEET		1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY			
RECOMMENDED PUMP TYPE			RECOMMENDED PUMP SETTING		42-45	RECOMMENDED PUMPING RATE		
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP			75 FEET			5 GPM		
50-53								

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

LOCATION OF WELL

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

32 Cedarhill

25078

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER
	Capital Water Supply Ltd.	1558
	ADDRESS	
	Box 490; Stittsville, Ontario. KOA 3G0	
	NAME OF WELL TECHNICIAN	WELL TECHNICIAN'S LICENCE NUMBER
	S. Miller	
	SIGNATURE OF TECHNICIAN / CONTRACTOR	SUBMISSION DATE
	<i>[Signature]</i>	DAY 30 MO. 11 YR 87

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



The Ontario Water Resources Act

WATER WELL RECORD

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

11

1522454









MUNICIP
11.50.08

CON

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC.	LOT
Ottawa, Carleton	Nepean	4	24
The Clarion 28A Northside Rd Nepean		DATE COMPLETED	48-53
		DAY 09	MO 05 YR. 88
BC	ELEVATION	BC	BASIN CODE
		K2H 528	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31        

32

WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER		
10-13 26	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	14	
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		
15-18 145	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	19	
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		
20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	24	
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		
25-28	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	29	
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		
30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	34	
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		

CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 6 1/2	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE <input type="checkbox"/> PLASTIC	12 .188	0	21
17-18 6 1/16	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE <input type="checkbox"/> PLASTIC	19	21	75
24-25 5 1/8 5 1/16	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE <input type="checkbox"/> PLASTIC	26	75	125 150

PLUGGING & SEALING RECORD

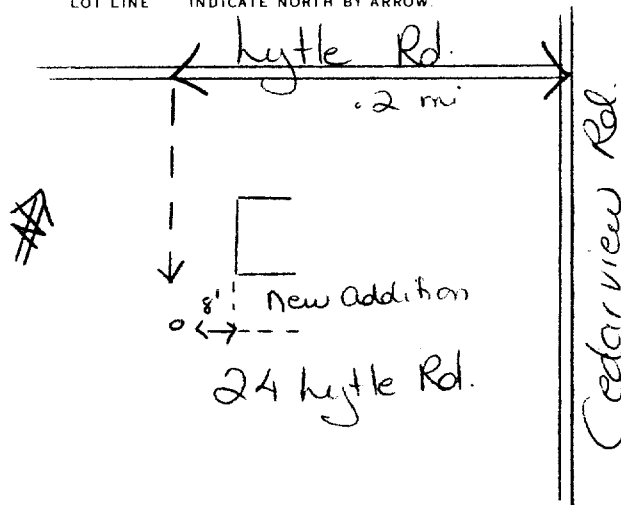
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

71
PUMPING TEST

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	71	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER		6		6PM	1 15-16 HOURS 17-18 MINS	
	STATIC LEVEL		WATER LEVEL END OF PUMPING		25		1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY	
	10-21		22-24		15 MINUTES		30 MINUTES	
	20-26		29-31		45 MINUTES		60 MINUTES	
	10 FEET		50 FEET		50 FEET		50 FEET	
IF FLOWING, GIVE RATE		30-41		PUMP INTAKE SET AT		WATER AT END OF TEST		42
RECOMMENDED PUMP TYPE		GPM		FEET		1 <input type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY		
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP		RECOMMENDED PUMP SETTING		43-45		RECOMMENDED PUMPING RATE		46-49
		100 FEET				5		GPM
50-53								

LOCATION OF WELL

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



32848

DRILLERS REMARKS

OFFICE USE ONLY

DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	69
		1558		JUL 22	1988	
DATE OF INSPECTION		INSPECTOR				
REMARKS						

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9



The Ontario Water Resources Act

WATER WELL RECORD

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

11

1523369

MUNICIP.
15008

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04

COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		CON. BLOCK, TRACT, SURVEY ETC		LOT	
Ottawa Carleton		Nepean		4		21	
[REDACTED]		ADDRESS		K2H 7V2		DATE COMPLETED 40-53	
		4 Timbercrest Ridge, R.R. #7 Nepean, Ontario		DAY 22 MO 02 YR 89			
21		UTM		EASTING		NORTHING	
1 2		10 11 12 13 14 15 16 17		18 19 20 21 22 23 24 25 26 27 28 29 30		31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible][illegible]

41		WATER RECORD			
WATER FOUND AT - FEET		KIND OF WATER			
50	15-13	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	14	
		2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS		
			6 <input type="checkbox"/> GAS		
142	15-18	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	19	
		2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS		
			6 <input type="checkbox"/> GAS		
	20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	24	
		2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS		
			6 <input type="checkbox"/> GAS		
	25-28	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	29	
		2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS		
			6 <input type="checkbox"/> GAS		
	30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	34	
		2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERALS		
			6 <input type="checkbox"/> GAS		

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4 ¹⁰⁻¹¹	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC	.188	0	21 ¹³⁻¹⁶
6 ¹⁷⁻¹⁸	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		21	150 ²⁰⁻²³
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC			27-30

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES	FEET	
	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN			41-44	30
				FEET		

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

71	PUMPING TEST METHOD		PUMPING RATE		11-14		DURATION OF PUMPING		
	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER		12 GPM		1		15-16 17-18 HOURS MIN		
	STATIC LEVEL		25 WATER LEVELS DURING		1 <input type="checkbox"/> PUMPING 2 <input checked="" type="checkbox"/> RECOVERY				
	19-21 22-24		15 MINUTES 30 MINUTES		45 MINUTES 60 MINUTES				
	30 FEET 100 FEET		26-28 29-31		32-34 35-37				
	30 FEET 100 FEET		100 FEET 100 FEET		100 FEET 100 FEET				
IF FLOWING, GIVE RATE		38-41		PUMP INTAKE SET AT		WATER AT END OF TEST		42	
GPM				FEET		1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY			
RECOMMENDED PUMP TYPE				RECOMMENDED 43-45		RECOMMENDED 46-49			
<input type="checkbox"/> SHALLOW <input type="checkbox"/> DEEP				PUMP SETTING 125 FEET		PUMPING RATE		5 GPM	
50-53									

<p style="text-align: right;">34</p> <p style="text-align: center;">FINAL STATUS OF WELL</p>	<p>1 <input checked="" type="checkbox"/> WATER SUPPLY</p> <p>2 <input type="checkbox"/> OBSERVATION WELL</p> <p>3 <input type="checkbox"/> TEST HOLE</p> <p>4 <input type="checkbox"/> RECHARGE WELL</p>	<p>5 <input type="checkbox"/> ABANDONED. INSUFFICIENT SUPPLY</p> <p>6 <input type="checkbox"/> ABANDONED POOR QUALITY</p> <p>7 <input type="checkbox"/> UNFINISHED</p> <p><input type="checkbox"/> DEWATERING</p>
<p style="text-align: right;">35-36</p> <p style="text-align: center;">WATER USE</p>	<p>1 <input checked="" type="checkbox"/> DOMESTIC</p> <p>2 <input checked="" type="checkbox"/> STOCK</p> <p>3 <input type="checkbox"/> IRRIGATION</p> <p>4 <input type="checkbox"/> INDUSTRIAL</p> <p><input type="checkbox"/> OTHER</p>	<p>5 <input type="checkbox"/> COMMERCIAL</p> <p>6 <input type="checkbox"/> MUNICIPAL</p> <p>7 <input type="checkbox"/> PUBLIC SUPPLY</p> <p>8 <input type="checkbox"/> COOLING OR AIR CONDITIONING</p> <p>9 <input type="checkbox"/> NOT USED</p>
<p style="text-align: right;">37</p> <p style="text-align: center;">METHOD OF CONSTRUCTION</p>	<p>1 <input type="checkbox"/> CABLE TOOL</p> <p>2 <input type="checkbox"/> ROTARY (CONVENTIONAL)</p> <p>3 <input type="checkbox"/> ROTARY (REVERSE)</p> <p>4 <input type="checkbox"/> ROTARY (AIR)</p> <p>5 <input checked="" type="checkbox"/> AIR PERCUSSION</p>	<p>6 <input type="checkbox"/> BORING</p> <p>7 <input type="checkbox"/> DIAMOND</p> <p>8 <input type="checkbox"/> JETTING</p> <p>9 <input type="checkbox"/> DRIVING</p> <p><input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER</p>

LOCATION OF WELL

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

Cedar Hill

House * H

14'

16'


Timbercrest Ridge

Cedar View Rd

Cedar Hill Estates

50688

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water supply Ltd.		1558	
	ADDRESS			
	P.O. Box 490 Stittsville, Ontario KOA 3G0			
CONTRACTOR	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller		T0097	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
			DAY 24 MO. 02 YR. 87	

OFFICE USE ONLY	DATA SOURCE	58 CONTRACTOR 1558	59-62 DATE RECEIVED APR 06 1989	63-68 80
	DATE OF INSPECTION		INSPECTOR	
REMARKS				



The Ontario Water Resources Act

1524757

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CON

104

1. PRINT ONLY IN SPACES PROVIDED
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11

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)31

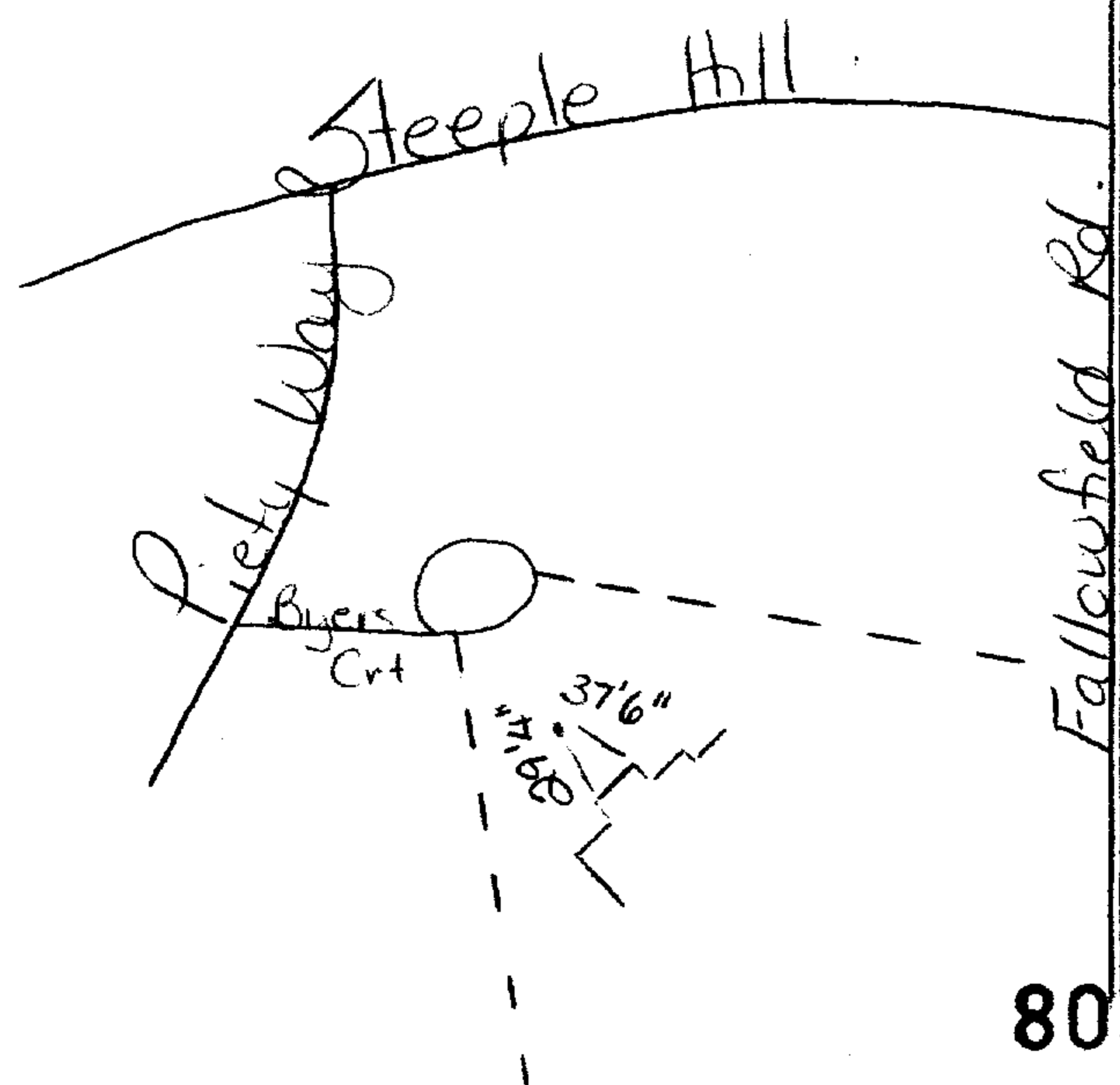
32

51 CASING & OPEN HOLE RECORD

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES	FEET	
	MATERIAL AND TYPE			DEPTH TO TOP OF SCREEN	41-44	30
				FEET		

LOCATION OF WELL

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



80322

DRILLERS REMARKS

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	80
			1558		SEP 17 1990		
	DATE OF INSPECTION		INSPECTOR				
	REMARKS						

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FORM NO. 0506 (11/86) FORM 9



The Ontario Water Resources Act

1525470

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15008

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104

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11

21	ZONE	EASTING	NORTHING	NC	ELEVATION	NC	BASIN CODE
	UT M	10	12	14	16	18	20

[illegible]

31

32

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
41			WATER RECORD																																																																																																	
WATER FOUND AT - FEET			KIND OF WATER																																																																																																	
10-13			1	<input type="checkbox"/>	FRESH	3	<input type="checkbox"/>	SULPHUR																															14																																																													
55			2	<input type="checkbox"/>	SALTY	4	<input type="checkbox"/>	MINERALS																																																																																												
						6	<input type="checkbox"/>	GAS																																																																																												
15-18			1	<input type="checkbox"/>	FRESH	3	<input type="checkbox"/>	SULPHUR																															19																																																													
179			2	<input type="checkbox"/>	SALTY	4	<input type="checkbox"/>	MINERALS																																																																																												
						6	<input type="checkbox"/>	GAS																																																																																												
20-23			1	<input type="checkbox"/>	FRESH	3	<input type="checkbox"/>	SULPHUR																															24																																																													
			2	<input type="checkbox"/>	SALTY	4	<input type="checkbox"/>	MINERALS																																																																																												
						6	<input type="checkbox"/>	GAS																																																																																												
25-28			1	<input type="checkbox"/>	FRESH	3	<input type="checkbox"/>	SULPHUR																															29																																																													
			2	<input type="checkbox"/>	SALTY	4	<input type="checkbox"/>	MINERALS																																																																																												
						6	<input type="checkbox"/>	GAS																																																																																												
30-33			1	<input type="checkbox"/>	FRESH	3	<input type="checkbox"/>	SULPHUR																															34																																																													
			2	<input type="checkbox"/>	SALTY	4	<input type="checkbox"/>	MINERALS																																																																																												
						6	<input type="checkbox"/>	GAS																																																																																												

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC	.188	0	49 ¹⁶
6 1/8	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		49	185
	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC			

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES	FEET	
	MATERIAL AND TYPE			DEPTH TO TOP OF SCREEN	41-44	35
					FEET	

61				PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET			MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)		
FROM		TO			
10-13		14-17	Grouted Cement (4)		
18-21		22-25			
26-29		30-33	80		

71	PUMPING TEST METHOD		10		PUMPING RATE		11-14		DURATION OF PUMPING				
	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER						GPM		15-16 _____ 17-18 _____ HOURS MIN				
	STATIC LEVEL		WATER LEVEL END OF PUMPING		25 WATER LEVELS DURING				1 <input type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY				
	19-21		22-24		15 MINUTES		30 MINUTES		45 MINUTES		60 MINUTES		
					26-28		29-31		32-34		35-37		
	FEET		FEET		FEET		FEET		FEET		FEET		
IF FLOWING GIVE RATE				38-41		PUMP INTAKE SET AT				WATER AT END OF TEST		42	
				GPM		FEET				1 <input type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY			
RECOMMENDED PUMP TYPE						RECOMMENDED PUMP SETTING		43-45		RECOMMENDED PUMPING RATE		46-49	
<input type="checkbox"/> SHALLOW <input type="checkbox"/> DEEP								FEET				GPM	
50-53													

<div>54</div> <div>FINAL STATUS OF WELL</div>	<div>1 <input checked="" type="checkbox"/> WATER SUPPLY</div> <div>2 <input type="checkbox"/> OBSERVATION WELL</div> <div>3 <input type="checkbox"/> TEST HOLE</div> <div>4 <input type="checkbox"/> RECHARGE WELL</div>	<div>5 <input type="checkbox"/> ABANDONED. INSUFFICIENT SUPPLY</div> <div>6 <input type="checkbox"/> ABANDONED POOR QUALITY</div> <div>7 <input type="checkbox"/> UNFINISHED</div> <div><input type="checkbox"/> DEWATERING</div>
<div>55-56</div> <div>WATER USE</div>	<div>1 <input checked="" type="checkbox"/> DOMESTIC</div> <div>2 <input type="checkbox"/> STOCK</div> <div>3 <input type="checkbox"/> IRRIGATION</div> <div>4 <input type="checkbox"/> INDUSTRIAL</div> <div><input type="checkbox"/> OTHER</div>	<div>5 <input type="checkbox"/> COMMERCIAL</div> <div>6 <input type="checkbox"/> MUNICIPAL</div> <div>7 <input type="checkbox"/> PUBLIC SUPPLY</div> <div>8 <input type="checkbox"/> COOLING OR AIR CONDITIONING</div> <div>9 <input type="checkbox"/> NOT USED</div>
<div>57</div> <div>METHOD OF CONSTRUCTION</div>	<div>1 <input type="checkbox"/> CABLE TOOL</div> <div>2 <input type="checkbox"/> ROTARY (CONVENTIONAL)</div> <div>3 <input type="checkbox"/> ROTARY (REVERSE)</div> <div>4 <input type="checkbox"/> ROTARY (AIR)</div> <div>5 <input checked="" type="checkbox"/> AIR PERCUSSION</div>	<div>6 <input type="checkbox"/> BORING</div> <div>7 <input type="checkbox"/> DIAMOND</div> <div>8 <input type="checkbox"/> JETTING</div> <div>9 <input type="checkbox"/> DRIVING</div> <div><input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER</div>

LOCATION OF WELL

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

Fallowfield Rd

Cedar View Rd

Parking Lot

Fallowfield Park

24' 18'

X

Pitless

No buildings

101331

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	Box 490 Stittsville, Ontario K2S 1A6			
	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller		T0097	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
	<i>[Signature]</i>		DAY 25 MO. 6 YR. 91	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68
			1558		JUL 26 1991	
	DATE OF INSPECTION		INSPECTOR			
	REMARKS					



The Ontario Water Resources Act

WATER WELL RECORD

1525630

MUNICIP.
15008

CON.
|CON

104

1. PRINT ONLY IN SPACES PROVIDED

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COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY ETC	LOT
Ottawa Carleton	Nepean	4	22
OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED	
[REDACTED]	5 Hartford Place, Nepean, Ontario K2R 1A5	48-53 DAY 12 MO 08 YR 91	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31

32

41 WATER RECORD				51 CASING & OPEN HOLE RECORD				61 PLUGGING & SEALING RECORD							
WATER FOUND AT - FEET		KIND OF WATER		INSIDE DIAM INCHES		MATERIAL		WALL THICKNESS INCHES		DEPTH - FEET		SIZE (S) OF OPENING (SLOT NO.)		31-33 DIAMETER 34-38 LENGTH 39-40	
												INCHES		FEET	
												MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN 41-44 30	
														FEET	
10-13 129		1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		6 1/4		1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		.188		0 21.5		SCREEN			
15-18		1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		17-18		1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		21.5 135		20-23					
20-23		1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		24-25		1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		27-30		21.5 135					
25-28		1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		29-30											
30-33		1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS		34-40								61		PLUGGING & SEALING RECORD	
												DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)	
												FROM TO		FROM TO	
10-13				14-17				18-21		22-25		26-29		30-33	
grouted				Cement (3)											

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING		
	1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER			30		GPM	1 15-16 17-18 HOURS HOURS HOURS		
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25	WATER LEVELS DURING					1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES			
	6 FEET	30 FEET	26-28 30 FEET	29-31 30 FEET	32-34 30 FEET	35-37 30 FEET			
	IF FLOWING, GIVE RATE	38-41 GPM	PUMP INTAKE SET AT		30 FEET		WATER AT END OF TEST		
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45 75 FEET	RECOMMENDED PUMPING RATE		46-49 15-30 GPM		
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP									
50-53									

<p>FINAL STATUS OF WELL</p>	<p>54</p> <p>1 <input checked="" type="checkbox"/> WATER SUPPLY</p> <p>2 <input type="checkbox"/> OBSERVATION WELL</p> <p>3 <input type="checkbox"/> TEST HOLE</p> <p>4 <input type="checkbox"/> RECHARGE WELL</p>	<p>5 <input type="checkbox"/> ABANDONED. INSUFFICIENT SUPPLY</p> <p>6 <input type="checkbox"/> ABANDONED POOR QUALITY</p> <p>7 <input type="checkbox"/> UNFINISHED</p> <p><input type="checkbox"/> DEWATERING</p>
<p>WATER USE</p>	<p>55-56</p> <p>1 <input checked="" type="checkbox"/> DOMESTIC</p> <p>2 <input type="checkbox"/> STOCK</p> <p>3 <input type="checkbox"/> IRRIGATION</p> <p>4 <input type="checkbox"/> INDUSTRIAL</p> <p><input type="checkbox"/> OTHER</p>	<p>5 <input type="checkbox"/> COMMERCIAL</p> <p>6 <input type="checkbox"/> MUNICIPAL</p> <p>7 <input type="checkbox"/> PUBLIC SUPPLY</p> <p>8 <input type="checkbox"/> COOLING OR AIR CONDITIONING</p> <p>9 <input type="checkbox"/> NOT USED</p>
<p>METHOD OF CONSTRUCTION</p>	<p>57</p> <p>1 <input type="checkbox"/> CABLE TOOL</p> <p>2 <input type="checkbox"/> ROTARY (CONVENTIONAL)</p> <p>3 <input type="checkbox"/> ROTARY (REVERSE)</p> <p>4 <input type="checkbox"/> ROTARY (AIR)</p> <p>5 <input checked="" type="checkbox"/> AIR PERCUSSION</p>	<p>6 <input type="checkbox"/> BORING</p> <p>7 <input type="checkbox"/> DIAMOND</p> <p>8 <input type="checkbox"/> JETTING</p> <p>9 <input type="checkbox"/> DRIVING</p> <p><input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER</p>

LOCATION OF WELL

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

Hartford Place

24'


38'6"

House #5

Cedarview Estates

100093

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1588	
	ADDRESS			
	Box 490 Stittsville, Ontario K2S 1A6			
CONTRACTOR	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller		T0097	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
			DAY 13 MO 8 YR 91	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR 1558	59-62	DATE RECEIVED OCT 02 1991	63-68	80
	DATE OF INSPECTION		INSPECTOR				
	REMARKS						



The Ontario Water Resources Act **WATER WELL RECORD**

Mark correct box with a checkmark, where applicable.

11

1530351

Municipality

Con.

REF

04

County or District		Township/Borough/City/Town/Village		Con block tract survey, etc.		Lot	
Ottawa Carleton		Nepean		4		21	
Owner's surname		First name		Address		Date completed	
[REDACTED]		[REDACTED]		155 Colonnade Rd. Nepean, Ontario K2E 7K1		7 day 10 month 98 year	
Easting		Northing		RC		RC	
12 17		18 24		25 26		30 31	
Basin Code		ii		iii		iv	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Brown	Clay	Stones	Packed Fill	0	4
Brown	Clay			4	12
Gray	Clay	Stones		12	58
Gray	Sand, Gravel	Boulders		58	89
Gray	Sand	Colored Gravel		89	95
		GRAVEL WELL			

[illegible]

41		42		43		44		45		46		47		48		49		50		
WATER RECORD																				
Water found at - feet					Kind of water															
10-13					1	<input type="checkbox"/>	Fresh	3	<input type="checkbox"/>	Sulphur	14									
95					2	<input type="checkbox"/>	Salty	4	<input type="checkbox"/>	Minerals										
					6	<input type="checkbox"/>	Gas													
15-18					1	<input type="checkbox"/>	Fresh	3	<input type="checkbox"/>	Sulphur	19									
					2	<input type="checkbox"/>	Salty	4	<input type="checkbox"/>	Minerals										
					6	<input type="checkbox"/>	Gas													
20-23					1	<input type="checkbox"/>	Fresh	3	<input type="checkbox"/>	Sulphur	24									
					2	<input type="checkbox"/>	Salty	4	<input type="checkbox"/>	Minerals										
					6	<input type="checkbox"/>	Gas													
25-28					1	<input type="checkbox"/>	Fresh	3	<input type="checkbox"/>	Sulphur	29									
					2	<input type="checkbox"/>	Salty	4	<input type="checkbox"/>	Minerals										
					6	<input type="checkbox"/>	Gas													
30-33					1	<input type="checkbox"/>	Fresh	3	<input type="checkbox"/>	Sulphur	34									
					2	<input type="checkbox"/>	Salty	4	<input type="checkbox"/>	Minerals										
					6	<input type="checkbox"/>	Gas													

51		CASING & OPEN HOLE RECORD			
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
6 1/4	1 <input type="checkbox"/> Steel 2 <input checked="" type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	.188	0	95	
17-18	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			20-23	
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			27-30	

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen	41-44	30
				feet		

61		PLUGGING & SEALING RECORD	
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13	14-17	Grouted, Bentonite, cement	
65 10-21	0 22-25		
26-29	30-33		
	80		

PUMPING TEST	Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 49 GPM		Duration of pumping ¹⁵⁻¹⁶ Hours ¹⁷⁻¹⁸ Mins	
	Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery	
	19-21	22-24	15 minutes ²⁵ 26-28	30 minutes 29-31	45 minutes 32-34	60 minutes 35-37
	11'10"	40 feet	12 feet	11'10"	11'10" feet	11'10" feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ 45 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM		

FINAL STATUS OF WELL		54
1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input checked="" type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE			55-56
1 <input checked="" type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used	
2 <input checked="" type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

METHOD OF CONSTRUCTION 57

1 <input type="checkbox"/> Cable tool	5 <input type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input checked="" type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

LOCATION OF WELL

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

Richmond Road

22'

22'7"

G

House #1

Pretty Hill Way

Fallowfield Estates

194756

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0097
Signature of Technician/Contractor	Submission date
<i>Shirley Kwanash</i>	day 8 mo 10 yr 98

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	80
			1558		DEC 08 1998		
	Date of inspection	Inspector					
	Remarks						
	CSS. ES9						



11

Municipality 15008 Con CON 04

[illegible]

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Brown	Soil	Stones	Packed	0	6
Gray	Sand & Gravel		Wet	6	9
Gray	Limestone	Soft Layers	Medium	9	52
Gray	Limestone		Hard	52	165
Gray & White	Sandstone		Very Hard	165	200

31 32

41		WATER RECORD				42	
Water found at - feet		Kind of water					
129	10-13	1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	14	
	2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
189	15-18	1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	19	
	2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
20-23		NOT TESTED				24	
25-28	1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	29		
	2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
30-33	1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	34		
	2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			

51					CASING & OPEN HOLE RECORD			
Inside diam inches	Material	Wall thickness inches	Depth - feet					
			From	To				
6 1/4	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	.188	0	21				
17-18	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input checked="" type="checkbox"/> Plastic		21	200				
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic							

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		30
				feet		

61		PLUGGING & SEALING RECORD	
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13	14-17		
20-21	0-22-25	Grouted Cement (3)	
26-29	30-33	80	

71	Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 30 ¹ GPM		Duration of pumping ¹⁷⁻¹⁸ 1 Hours Mins	
	Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery	
	19-21	22-24	15 minutes ²⁵⁻²⁸	30 minutes ²⁹⁻³¹	45 minutes ³²⁻³⁴	60 minutes ³⁵⁻³⁷
	16' 4" ¹ feet	50 feet	16' 8" ¹ feet	16' 8" ¹ feet	16' 5" ¹ feet	16' 4" ¹ feet
	If flowing give rate ³⁸⁻⁴¹		Pump intake set at		Water at end of test ⁴²	
GPM		feet		<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy		
Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵		Recommended pump rate ⁴⁶⁻⁴⁹		
50-53		75 feet		5 GPM		

FINAL STATUS OF WELL		54	
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input checked="" type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

WATER USE		55-56
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used
2 <input checked="" type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION			57
1	<input type="checkbox"/> Cable tool	5	<input type="checkbox"/> Air percussion
2	<input type="checkbox"/> Rotary (conventional)	6	<input type="checkbox"/> Boring
3	<input type="checkbox"/> Rotary (reverse)	7	<input type="checkbox"/> Diamond
4	<input type="checkbox"/> Rotary (air)	8	<input type="checkbox"/> Jetting
		9	<input type="checkbox"/> Driving
		10	<input type="checkbox"/> Digging
		11	<input type="checkbox"/> Other

LOCATION OF WELL

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

The diagram shows a vertical line representing a road, labeled "Maddie Dr." with an arrow pointing upwards. To the right of the road is a horizontal dashed line representing a lot line. A distance of "1.7 km" is marked between the road and the lot line. To the right of the lot line is a rectangular area representing a lot, labeled "G". A well, marked with an "x", is located within the lot. The distance from the lot line to the well is indicated as "22'" and "27'".

194829

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0095
Signature of Technician/Contractor	Submission date
<i>[Signature]</i>	day 16 mo 4 yr 99

MINISTRY USE ONLY	Data source	58 Contractor 1558	59-62 MAY 14 1999	63-68 63-68	80
	Date of inspection	Inspector			
	Remarks CSS.ES9				

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1532254

Municipality
15008

Con.
CON
15

04

County or District Ottawa Carleton		Township/Borough/City/Town/Village Nepean	Con block tract survey, etc. 4	Lot 24	25-27
Owner's surname 26-47 Patterson Associates	First Name	Address Ottawa, Ont	Date completed 26 07 01 day month year		48-53

21

Zone Easting Northing RC Elevation RC Basin Code ii iii iv

UTM 10 12 17 18 24 25 28 30 31 47

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

31

32

10 14 15 21 30 43 54 65 75 8

41		WATER RECORD		42	
Water found at - feet		Kind of water			
10-13		1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	14	
134		2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals		
			6 <input type="checkbox"/> Gas		
15-18		1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	19	
		2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals		
			6 <input type="checkbox"/> Gas		
20-23		1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	24	
		2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals		
			6 <input type="checkbox"/> Gas		
25-28		1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	29	
		2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals		
			6 <input type="checkbox"/> Gas		
30-33		1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	34	
		2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals		
			6 <input type="checkbox"/> Gas		

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11 6'4"	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	12 188	0	22 13-16
17-18 83'4"	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	19	0	20 20-23
24-25 6	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	26	20	140 27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		36
						41-44
						feet

61				PLUGGING & SEALING RECORD			
<input checked="" type="checkbox"/> Annular space				<input type="checkbox"/> Abandonment			
Depth set at - feet			Material and type (Cement grout, bentonite, etc.)				
From		To					
10-13		24-17	Cement grout				
2		22					
18-21		22-25					
26-29		30-33	80				

PUMPING TEST	Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 15 GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ Mins	
	Static level		Water level end of pumping ²⁵		Water levels during 1 <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Recovery	
	19-21 11 feet	22-24 120 feet	15 minutes ²⁶⁻²⁸ 11 feet	30 minutes ²⁹⁻³¹ 11 feet	45 minutes ³²⁻³⁴ 11 feet	60 minutes ³⁵⁻³⁷ 11 feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
	Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ 120 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 15 GPM	
	50-53					

FINAL STATUS OF WELL			54
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

WATER USE			55-56
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use	
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

METHOD OF CONSTRUCTION			57
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting		

LOCATION OF WELL

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


Test well 2

0.11 km

2.3 km

LYTLE

234297

Name of Well Contractor	Well Contractor's Licence No.
Air Rock Drilling Co Ltd	1119
Address	
RR #2 Jasper, Ont	
Name of Well Technician	Well Technician's Licence No.
Shannon Purcell	T2122
Signature of technician/contractor	Submission date
	10 08 01 day mo yr

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68	8
	1119		SEP 20 2001			
	Date of inspection		Inspector			
	Remarks					
	CSS.ES1					

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1533716

Municipality
15008

Con.
RF

104

County or District Ottawa Carleton	Township/Borough/City/Town/Village Nepean	Con block tract survey, etc. 4	Lot 23
Address Nepean, Ont		Date completed 20 day	03 month 03 year

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

31

32

10 14 15 21 22 23 24 25 26 27 28 29 30

41		WATER RECORD	
Water found at - feet	Kind of water		
10-13 129	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	14
15-18 152	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	19
20-23 164	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	24
25-28 173	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	29
30-33 192	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	34

51 CASING & OPEN HOLE RECORD					
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
8 ¹	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	12	188	0 22	13-16
17-18	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	19		0 20	20-23
24-25	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	26		20 223	27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen 41-44		
				feet		30

61		PLUGGING & SEALING RECORD	
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
0-13	13-17	cement grout	
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	71 Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 90+ GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ 15 Mins	
	25 Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery	
	¹⁹⁻²¹ 2 feet		²²⁻²⁴ 210 feet		^{15 minutes} 2 feet	
			²⁵⁻²⁸ 2 feet		^{30 minutes} 2 feet	
			³²⁻³⁴ 2 feet		^{45 minutes} 2 feet	
			³⁵⁻³⁷ 2 feet			
If flowing give rate ³⁸⁻⁴¹ GPM			Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep			Recommended pump setting ⁴³⁻⁴⁵ 210 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 90+ GPM	
50-53						

FINAL STATUS OF WELL		54
1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE		55-56
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input checked="" type="checkbox"/> Other <u>Golf Course</u>
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	


METHOD OF CONSTRUCTION		57
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

LOCATION OF WELL

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

248251

Name of Well Contractor A. Koch Drug Ltd		Well Contractor's Licence No. 1119
Address Rt #1 Richmond, Ont		
Name of Well Technician Shannon Purcell		Well Technician's Licence No. T2122
Signature of Technician/Contractor Kenneth		Submission date 11 04 03 day mo yr

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	80
			1119		MAY 08 2003		
	Date of inspection		Inspector				
	Remarks	 <div style="float: right; font-size: 2em; font-weight: bold;">CSS.ES3</div>					



II Tag Number (Place sticker and print number)
A 023103

A C R I

Regulation 903 Ontario Water Resources Act

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Instructions for Completing Form

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

Ministry Use Only

Address of Well Location (County/District/Municipality)

Township

[illegible]

Concession	
------------	--

RR#/Street Number/Name

City/Town/Village

Site/Compartment/Block/Tract etc.

GPS Reading

NAD

Zone	Easting
------	---------

Northing

Unit Make/Model

Mode of Operation:

☐ Undifferentiated

☒ Averaged

☐ Differentiated, specify

Log of Overburden and	Bedrock Materials (see instructions)
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[illegible]

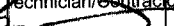
Hole Diameter			Construction Record				Test of Well Yield					
Depth From	Metres To	Diameter Centimetres	Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Metres To	Pumping test method	Draw Down		Recovery	
				<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized				Sub Pump	Time min	Water Level Metres	Time min	Water Level Metres
0	67.05	15.23						Pump intake set at (metres)	Static Level			
								Pumping rate - (litres/min)	1	6.10	1	12.20
								Duration of pumping	2	8.70	2	9.89
								Final water level end of pumping	3	9.65	3	8.89
								Recommended pump type.	4	11.28	4	8.00
								Recommended pump depth	5	12.10	5	7.65
								Recommended pump rate.	10	13.12	10	6.43
								If flowing give rate - (litres/min)	15	13.56	15	5.53
								If pumping discontinued, give reason.	20	14.65	20	4.64
									25	15.51	25	
									30	16.20	30	
									40	17.10	40	
									50	17.43	50	
									60	17.65	60	
Water Record			Casing				Screen					
Water found at _____ m			<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized				<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized					
Kind of Water			<input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: NOT TESTED				<input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: NOT TESTED					
After test of well yield, water was			<input type="checkbox"/> Clear and sediment free <input checked="" type="checkbox"/> Other, specify: Cloudy, NOT TESTED				<input type="checkbox"/> Clear and sediment free <input checked="" type="checkbox"/> Other, specify: Cloudy, NOT TESTED					
Chlorinated			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<input checked="" type="checkbox"/> Open hole					

[illegible]

Method of Construction			
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary (air)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Digging
<input type="checkbox"/> Rotary (conventional)	<input checked="" type="checkbox"/> Air percussion	<input type="checkbox"/> Jetting	<input type="checkbox"/> Other
<input type="checkbox"/> Rotary (reverse)	<input type="checkbox"/> Boring	<input type="checkbox"/> Driving	

Water Use				
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Public Supply	<input type="checkbox"/> Other	
<input type="checkbox"/> Stock	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used		
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Municipal	<input type="checkbox"/> Cooling & air conditioning		

Final Status of Well			
<input checked="" type="checkbox"/> Water Supply	<input type="checkbox"/> Recharge well	<input type="checkbox"/> Unfinished	<input type="checkbox"/> Abandoned, (Other)
<input type="checkbox"/> Observation well	<input type="checkbox"/> Abandoned, insufficient supply	<input type="checkbox"/> Dewatering	
<input type="checkbox"/> Test Hole	<input type="checkbox"/> Abandoned, poor quality	<input type="checkbox"/> Replacement well	

Well Contractor/Technician Information	
Name of Well Contractor	Well Contractor's Licence No.
AIR ROCK DRILLING CO LTD	1119
Business Address (street name, number, city etc.)	
1 RICHMOND AVE	KOA-20
Name of Well Technician (last name, first name)	Well Technician's Licence No.
MURCELL SHANNON	T2122
Signature of Technician/Contractor	Date Submitted
	YYYY MM DD 2004 12 3

Location of Well

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

Audit No. Z 14700	Date Well Completed 2004 12 17
Was the well owner's information package delivered? X Yes <input type="checkbox"/> No	Date Delivered 2004 12 20

Ministry Use Only				
Data Source		Contractor		
		1119		
Date Received	YYYY	MM	DD	Date of Inspection
JAN	10	2005		YYYY
Remarks		Well Record Number		



WellTag Number (Place sticker and print number below)

SECRET

Regulation 903 Ontario Water Resources Act

page of

• For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.

• All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.

• Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.

• **All metre measurements shall be reported to 1/10th of a metre.**

• Please print clearly in blue or black ink only.

Ministry Use Only

MUN					CON										LOT				
-----	--	--	--	--	-----	--	--	--	--	--	--	--	--	--	-----	--	--	--	--

RR#/Street Number/Name	O'KEEFE COURT			City/Town/Village	NEPERN			Site/Compartment/Block/Tract/etc	PLAN SR13897		
GPS Reading	NAD	Zone	Easting	Northing	Unit Make/Model	Mode of Operation:		<input type="checkbox"/> Undifferentiated	<input checked="" type="checkbox"/> Averaged		
	83	18	437428	5013820	MAGELAN			<input type="checkbox"/> Differentiated, specific			

[illegible]

Hole Diameter			Construction Record					Test of Well Yield				
Depth	Metres	Diameter	Inside diam centimetres	Material	Wall thickness centimetres	Depth		Pumping test method	Draw Down		Recovery	
From	To	Centimetres				From	To		Time min	Water Level Metres	Time min	Water Level Metres
0	43.28	15.24						Sublump				
			Casing					Pump intake set at (metres)	Static Level			
			15.88	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass	.48	0	7.31	Pumping rate - (litres/min)	1	4.34	1	3.94
				<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete				Duration of pumping	2	4.33	2	3.87
				<input type="checkbox"/> Galvanized				1 hrs. + 0 min				
Water Record								Final water level and of pumping	3	4.61	3	3.83
Water found at _____ m	Kind of Water							Recommended pump type	4	4.68	4	3.80
<input type="checkbox"/> Gas	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur						<input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep	5	4.73	5	3.79
<input type="checkbox"/> Other:	<input type="checkbox"/> Salty	<input type="checkbox"/> Minerals						Recommended pump depth	10	4.91	10	3.72
<input type="checkbox"/> m	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur						Recommended pump rate	15	5.02	15	3.68
<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Minerals						If flowing give rate - (litres/min)	20	5.10	20	3.63
<input type="checkbox"/> Other:	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur							25	5.14	25	3.60
<input type="checkbox"/> m	<input type="checkbox"/> Salty	<input type="checkbox"/> Minerals						If pumping discontinued, give reason.	30	5.19	30	3.59
<input type="checkbox"/> Gas	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur							40	5.23	40	
<input type="checkbox"/> Other:	<input type="checkbox"/> Salty	<input type="checkbox"/> Minerals							50	5.26	50	
After test of well yield, water was			Screen						60	5.28	60	
<input type="checkbox"/> Clear and sediment free			Outside diam	<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass	Slot No.							
<input type="checkbox"/> Other, specify			<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete									
<input type="checkbox"/> Other, specify			<input type="checkbox"/> Galvanized									
Chlorinated			No Casing or Screen									
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												
			Open hole									
			6.71 43.28									

Plugging and Sealing Record		<input checked="" type="checkbox"/> Annular space	<input type="checkbox"/> Abandonment
Depth set at - Metres	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	
From To			
6.71 3.66	NEAT CEMENT SLURRY	.0908	
3.66 0	BENTONITE SLURRY	.368	

Method of Construction			
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary (air)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Digging
<input type="checkbox"/> Rotary (conventional)	<input checked="" type="checkbox"/> Air percussion	<input type="checkbox"/> Jetting	<input type="checkbox"/> Other
<input type="checkbox"/> Rotary (reverse)	<input type="checkbox"/> Boring	<input type="checkbox"/> Driving	

Water Use			
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Public Supply	<input type="checkbox"/> Other
<input type="checkbox"/> Stock	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used	
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Municipal	<input type="checkbox"/> Cooling & air conditioning	

Final Status of Well			
<input checked="" type="checkbox"/> Water Supply	<input type="checkbox"/> Recharge well	<input type="checkbox"/> Unfinished	<input type="checkbox"/> Abandoned, (Other)
<input type="checkbox"/> Observation well	<input type="checkbox"/> Abandoned, insufficient supply	<input type="checkbox"/> Dewatering	
<input checked="" type="checkbox"/> Test Hole	<input type="checkbox"/> Abandoned, poor quality	<input type="checkbox"/> Replacement well	

Well Contractor/Technician Information	
Name of Well Contractor AIR ROCK DRILLING CO LTD	Well Contractor's Licence No. T1119
Business Address (street name, number, city etc.) RR 1 RICHMOND ONT K0A2Z0	
Name of Well Technician (last name, first name) MURCELL SHANNON	Well Technician's Licence No. T2122
Signature of Technician/Contractor x [Signature]	Date Submitted 2005 09 06

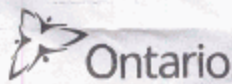
Location of Well

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

The diagram shows a hand-drawn sketch of a property layout. On the left is a rectangle representing a building, divided into four quadrants with the number '416' in the top-left quadrant. To the right of the building is a well, represented by a circle with a cross inside. A horizontal arrow points from the well to the building, with the label '270\'' above it. Below the well is a horizontal line representing a road, labeled 'O'KEEFE COURT'. A vertical arrow points from the well down to the road, with the label '.4KM' to its right. In the top right corner, there is a circled 'TM' symbol.

Audit No. z 30789	Date Well Completed 2005 08 04
Was the well owner's information package delivered? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Delivered 2005 08 04

Ministry Use Only			
Data Source	Contractor 1119		
Date Received YYYY MM DD SEP 26 2005	Date of Inspection YYYY MM DD		
Remarks	Well Record Number		

Ministry of
the Environment

A113203

Well Record (Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page ____ of ____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
	200 Dibble c/o Colautti Group		
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
2562 Del Zotto Avenue	Gloucester	ON	K1T 3V7

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
200 Dibble Road	Rideau Front	P/L20-21	4
County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Nepean	Ontario	
UTM Coordinates Zone Easting	Northings	Municipal Plan and Sublot Number	Other
NAD 83 18 437163	5013728	PLAN RP51R13897	PART #12

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)
				From To
		Sand & Gravel & Rock		0' 8'
Grey & Brown	Limestone			8' 146'
Black, Green, Grey	Shale			146' 285'
Grey & Brown	Limestone			285' 525'
Grey & White	Sandstone	& Limestone Mix		525' 620'
TEST WELL # 3				

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From To		
262' 252'	Neat cement slurry	7.8
252' 0'	Bentonite slurry	79.8

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify	

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
			From To	
6"	Steel	.188	+2' 262'	<input checked="" type="checkbox"/> Water Supply
515/16	Open Hole		262' 620'	<input type="checkbox"/> Replacement Well
				<input type="checkbox"/> Test Hole
				<input type="checkbox"/> Recharge Well
				<input type="checkbox"/> Dewatering Well
				<input type="checkbox"/> Observation and/or Monitoring Hole
				<input type="checkbox"/> Alteration (Construction)
				<input type="checkbox"/> Abandoned, Insufficient Supply
				<input type="checkbox"/> Abandoned, Poor Water Quality
				<input type="checkbox"/> Abandoned, other, specify
				<input type="checkbox"/> Other, specify

Construction Record - Screen			Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From To	
				<input type="checkbox"/> Other, specify

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	From To	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		

Well Contractor and Well Technician Information			
Business Name of Well Contractor	Well Contractor's Licence No.		
Air Rock Drilling Co. Ltd.	1119		
Business Address (Street Number/Name)	Municipality		
6659 Franktown Road, RR#1	Richmond		
Province	Postal Code	Business E-mail Address	
ON	K0A 2Z0	air-rock@sympatico.ca	
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)		
6138382170	Purcell, Shannon		
Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted	
T2122		2011 08 30	

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
<input type="checkbox"/> Clear and sand free		Time (min)	Water Level (m/ft)
<input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)
Not tested		Static Level	50 151.8
If pumping discontinued, give reason:		1	47.6 172.8
Pump intake set at (m/ft)		2	48 177.8
300		3	49.2 177.8
Pumping rate (l/min / GPM)		4	51.7 177.8
245		5	54.9 177.8
Duration of pumping		10	65.2 176.8
1 hrs + 0 min		15	70.4 175
Final water level end of pumping (m/ft)		20	79.6 174.8
151.8"		25	94 173.8
If flowing give rate (l/min / GPM)		30	107.8 172.8
Recommended pump depth (m/ft)		40	119.1 171
Recommended pump rate (l/min / GPM)		50	133.6 170.8
Well production (l/min / GPM)		60	151.8 169.8
Disinfected?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Map of Well Location	
Please provide a map below following instructions on the back.	
Comments:	
TEST WELL # 3	
Well owner's information package delivered	Date Package Delivered
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2011 06 08
	Date Work Completed
	2011 05 19
Ministry Use Only	
Audit No.	
z119899	
Received	
AUG 30 2011	



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the Environment

Well Tag No. (Place Sticker and/or Print Below)
A113203

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page ____ of ____

Well Owner's Information

First Name	Last Name	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner		
	200 Dibble c/o Colautti Group				
Mailing Address (Street Number/Name)		Municipality	Province	Postal Code	Telephone No. (inc. area code)
2502 Del Zotto Avenue		Gloucester	ON	K1T 3V7	

Well Location

Address (Municipality/Street Number/Name)		Town	Lot	Concession	
200 Dibble Road		Rideau Front	P/L 20&21	4	
County/District/Municipality		City/Town/Village	Province	Postal Code	
Ottawa-Carleton		Nepean	Ontario		
UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	437163	5013728	RP51R13897	Part # 12

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)
				From To
		Deepen Existing		0 620
Grey & White	Sandstone			620 654
Reddish Brown & Silver	Granite			654 710
Green & White	Granite & Quartz mix			710 740

Deepen Existing - Tw#3 - May 19/11 - Audit # Z119899

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
From To		

Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify		

Construction Record - Casing					Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply	<input type="checkbox"/> Replacement Well
			From	To		
					<input type="checkbox"/> Recharge Well	<input type="checkbox"/> Dewatering Well
					<input type="checkbox"/> Observation and/or Monitoring Hole	
					<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned,

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

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		From To	
		620 740	5 3/4"

Business Name of Well Contractor		Well Contractor's Licence No.
Air Rock Drilling Co. Ltd.		1119
Business Address (Street Number/Name)		Municipality
6059 Franktown Road, RR#1		Richmond

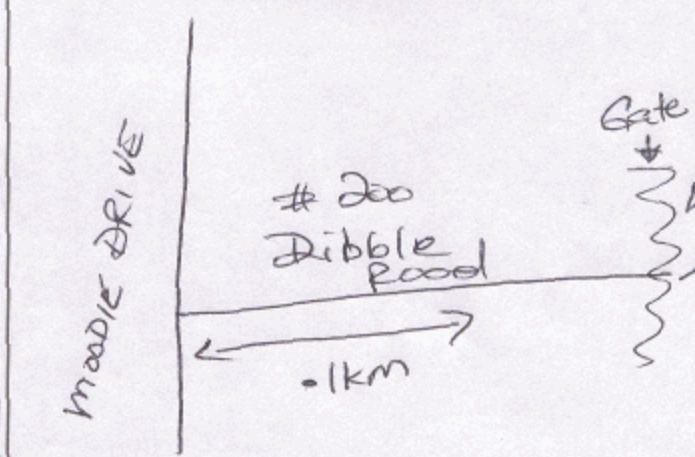
Province	Postal Code	Business E-mail Address
ON	K0A 2Z0	air-rock@sympatico.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6138382170	GRAHAM KLAN

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date
T3154	[Signature]	2011 08 30

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: X	Static Level	51'4"		216'
		2 54'4"	3	212'8"
Pump intake set at (m/ft) 300		5 64'2"	5	210'2"
Pumping rate (l/min / GPM) 24.5		10 68'8"	10	207'6"
		15 75'6"	15	204'4"
Duration of pumping 2 hrs + 0 min		20 82'8"	20	201'1"
		30 110'2"	30	192'8"
Final water level end of pumping (m/ft) 141.6		40 116'2"	40	185'7"
If flowing give rate (l/min / GPM) X		50 126'8"	50	180'6"
		60 141'6"	60	178'3"
Recommended pump depth (m/ft)		70 155'3"	70	168'6"
		80 168'4"	80	165'2"
Recommended pump rate (l/min / GPM) 19 gpm		90 174'6"	90	159'8"
		100 186'7"	100	156'7"
Well production (l/min / GPM) 19 gpm				
Disinfected? X Yes <input type="checkbox"/> No				

Please provide a map below following instructions on the back.



Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2011 08 08	Audit No. Z119701
	Date Work Completed	OCT 11 2011
	2011 08 30	Received



The Ontario Water Resources Act **WATER WELL RECORD**

Mark correct box with a checkmark, where applicable.

11

1530347

15008

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04

County or District Ottawa Carleton		Township/Borough/City/Town/Village Nepean				Con block tract survey, etc. 4		Lot 21	
Owner's surname [REDACTED]		First name [REDACTED]		Address 101 Centrepointe Dr. Nepean, Ontario K2G 5K7			Date completed 20 day 10 month 98 year		
Zone U T M 10		Easting 12 17		Northing 18 24		RC 25		Elevation 26 30	
Basin Code ii		iii		iv		v		vi	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

41		WATER RECORD	
Water found at - feet	Kind of water		
10-13	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	14
233	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	
15-18	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	19
268	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	
20-23	NOT TESTED		24
	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	
25-28	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	29
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	
30-33	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	34
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	1 <input type="checkbox"/> Steel ¹² 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input checked="" type="checkbox"/> Plastic		195	300
5 7/8				
17-18	1 <input type="checkbox"/> Steel ¹⁹ 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			20-23
24-25	1 <input type="checkbox"/> Steel ²⁶ 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type	Depth at top of screen			41-44	30
					feet	

61		PLUGGING & SEALING RECORD	
<input type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13	14-17		
18-21	22-25		
26-29	30-33		
		80	

PUMPING TEST	Pumping test method ¹⁰ 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ GPM		Duration of pumping ¹⁵⁻¹⁸ Hours Mins	
	Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery	
	19-21	22-24	15 minutes ²⁵ 26-28	30 minutes 29-31	45 minutes 32-34	60 minutes 35-37
	18 feet	300 feet	217 feet	135 feet	54 feet	23 feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ 275 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM		

<h3>FINAL STATUS OF WELL</h3> <p>54</p> <div> <div> 1 <input type="checkbox"/> Water supply 2 <input checked="" type="checkbox"/> Observation well 3 <input type="checkbox"/> Test hole 4 <input type="checkbox"/> Recharge well </div> <div> 5 <input type="checkbox"/> Abandoned, insufficient supply 6 <input type="checkbox"/> Abandoned, poor quality 7 <input type="checkbox"/> Abandoned (Other) 8 <input type="checkbox"/> Dewatering </div> <div> 9 <input type="checkbox"/> Unfinished 10 <input type="checkbox"/> Replacement well </div> </div>		
<h3>WATER USE</h3> <p>55-56</p> <div> <div> 1 <input type="checkbox"/> Domestic 2 <input checked="" type="checkbox"/> Stock 3 <input type="checkbox"/> Irrigation 4 <input type="checkbox"/> Industrial </div> <div> 5 <input type="checkbox"/> Commercial 6 <input type="checkbox"/> Municipal 7 <input type="checkbox"/> Public supply 8 <input type="checkbox"/> Cooling & air conditioning </div> <div> 9 <input type="checkbox"/> Not used 10 <input type="checkbox"/> Other </div> </div>		
<h3>METHOD OF CONSTRUCTION</h3> <p>57</p> <div> <div> 1 <input type="checkbox"/> Cable tool 2 <input type="checkbox"/> Rotary (conventional) 3 <input type="checkbox"/> Rotary (reverse) 4 <input type="checkbox"/> Rotary (air) </div> <div> 5 <input type="checkbox"/> Air percussion 6 <input checked="" type="checkbox"/> Boring 7 <input type="checkbox"/> Diamond 8 <input type="checkbox"/> Jetting </div> <div> 9 <input type="checkbox"/> Driving 10 <input type="checkbox"/> Digging 11 <input type="checkbox"/> Other </div> </div>		

LOCATION OF WELL

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

Moodie Dr.

56'

53'

Generator

Nepean
Vehicle
Depot

Fallowfield

194765

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0097
Signature of Technician/Contractor	Submission date
<i>Shawn Kwansa</i>	day 23 mo 0 yr 98

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	90
			1558		DEC 0 8 1998		
	Date of inspection	Inspector					
	Remarks						
	CSS. ES9						



Ministry of
the Environment

W

Tag#: A135345

Print Below)

A135345

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information

First Name	Last Name / Organization Tony Graham Motors Ltd	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) c/o Pri-Tec Construction Ltd 112 John		Municipality Carp	Province ON
		Postal Code K0A 1L0	Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name) 201 Dibble Road		Township Rideau Front	Lot P/L 22	Concession 4
County/District/Municipality Ottawa-Carleton		City/Town/Village Nepean	Province Ontario	Postal Code
UTM Coordinates	Zone	Easting	North	ing
NAD	8	3	18	437125
				5013980
Municipal Plan and Sublot Number		Other		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
	Broken Shale			0'	4'
Grey	Limestone			4'	360'
Grey & Green	Limestone			360'	380'
Grey & Green	Limestone			380'	500'

Annular Space		
Depth Set at (m/ft) From	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
40'	Neat cement	14.0

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input checked="" type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify
<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging	<input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input type="checkbox"/> Monitoring

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
61/4"	Steel	.188"	+2'	40'
5 15/16"	Open Hole		40'	500'

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

Water Details		Hole Diameter	
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft) From	To
380' (m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	0'	40'
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	40'	500'
(m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		
(m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		

Well Contractor and Well Technician Information			
Business Name of Well Contractor Air Rock Drilling Co. Ltd.		Well Contractor's Licence No. 1119	
Business Address (Street Number/Name) 6659 Franktown Road, RR#1		Municipality Richmond	
Province ON	Postal Code K0A 2Z0	Business E-mail Address air-rock@sympatico.ca	
Bus. Telephone No. (inc. area code) 6138382170		Name of Well Technician (Last Name, First Name) Purcell, Shannon	
Well Technician's Licence No. T2122	Signature of Technician and/or Contractor <i>[Signature]</i>	Date Submitted 2012 08 31	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify Not tested	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: X	Static Level	14'	119.5'	
	1	13.2	1	117.4
Pump intake set at (m/ft) 300	2	16.7	2	115.4
Pumping rate (l/min / GPM) 3	3	19.1	3	114.3
Duration of pumping 11 hrs + 30 min	4	24.6	4	112.
Final water level end of pumping (m/ft) 119.5'	5	28.1	5	108.8
If flowing give rate (l/min / GPM) X	10	43.2	10	91.8
	15	50.7	15	80
Recommended pump depth (m/ft) 450' (1 HP 5 GPM)	20	59.9	20	74.3
Recommended pump rate (l/min / GPM) 3	25	68.4	25	65.5
Well production (l/min / GPM) 3	30	77.2	30	58.7
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	40	95.7	40	51.9
	50	105.1	50	43.3
	60	119.5'	60	37.4'

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

Comments: 1 HP - 5 GPM SET @ 450 FT	
Well owner's information package delivered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 2012 07 04 Date Work Completed 2012 06 27
Ministry Use Only Audit No. Z 144701 Received OCT 09 2012	



at Below)

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page of

Well Owner's Information

First Name	Last Name / Organization	E-mail Address		<input type="checkbox"/> Well Constructed by Well Owner	
	Anahita Faryam-Manesh				
Mailing Address (Street Number/Name)		Municipality	Province	Postal Code	Telephone No. (inc. area code)
38 Cedarhill Drive		Nepean	ON		

Well Location

Address of Well Location (Street Number/Name) 38 Cedarhill Drive				Township Nepean		Lot 55		Concession			
County/District/Municipality Ottawa-Carleton				City/Town/Village Ottawa				Province Ontario			
Postal Code 				UTM Coordinates				Zone			
Easting 18 437491				Northing 5014914				Municipal Plan and Sublot Number M278			
Other Part 39											

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

General Colour	Most Common Material	Other Materials	General Description	Depth (ft/in)	
				From	To
	Sandy Clay	Boulders		0'	4'
Grey	Limestone			4'	22'
Grey	Limestone			22'	25'
White	Quartzite			25'	60'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
20	0	Neat cement	4.68

Results of Well Yield Testing

After test of well yield, water was:		Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify <u>Not tested</u>		Time (min)	Water Level (m ^{ft})	Time (min)	Water Level (m ^{ft})
If pumping discontinued, give reason: <u>X</u>		Static Level	21.1		23.9
<u>X</u>		1	21.8	1	21.1
Pump intake set at (m ^{ft}) 60		2	22	2	21.1
Pumping rate (l/min (GPM)) 20		3	22.2	3	21.1
Duration of pumping 1 hrs + 0 min		4	22.3	4	21.1
Final water level end of pumping (m ^{ft}) 23.9		5	22.4	5	21.1
If flowing give rate (l/min / GPM) <u>X</u>		10	22.8	10	21.1
Recommended pump depth (m ^{ft}) 50		15	23	15	21.1
Recommended pump rate (l/min (GPM)) 20		20	23.1	20	21.1
Well production (l/min (GPM)) 20		25	23.2	25	21.1
Disinfected?		30	23.3	30	21.1
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		40	23.5	40	21.1
		50	23.7	50	21.1
		60	23.9	60	21.1

Method of Construction

- | | | | | |
|--|----------------------------------|--|---|-------------------------------------|
| <input type="checkbox"/> Cable Tool | <input type="checkbox"/> Diamond | <input type="checkbox"/> Public | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used |
| <input type="checkbox"/> Rotary (Conventional) | <input type="checkbox"/> Jetting | <input checked="" type="checkbox"/> Domestic | <input type="checkbox"/> Municipal | <input type="checkbox"/> Dewatering |
| <input type="checkbox"/> Rotary (Reverse) | <input type="checkbox"/> Driving | <input type="checkbox"/> Livestock | <input type="checkbox"/> Test Hole | <input type="checkbox"/> Monitoring |
| <input type="checkbox"/> Boring | <input type="checkbox"/> Digging | <input type="checkbox"/> Irrigation | <input type="checkbox"/> Cooling & Air Conditioning | |
| <input checked="" type="checkbox"/> Air percussion | | <input type="checkbox"/> Industrial | | |
| <input type="checkbox"/> Other, <i>specify</i> _____ | | <input type="checkbox"/> Other, <i>specify</i> _____ | | |

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
			From	To
6 1/4"	Steel	.188"	+2'	20'
5 7/8"	Open Hole		20'	60'

Status of Well

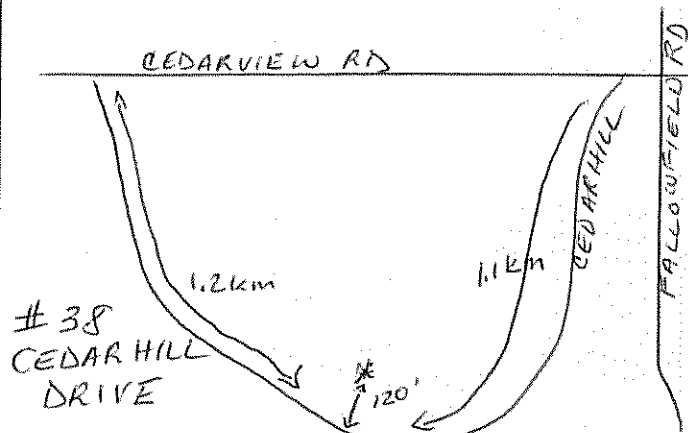
- ☒ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, *specify*
☐ Other, *specify*

Construction Record - Screen

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

Map of Well Location

Please provide a map below following instructions on the back.



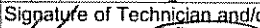
Water Details

Water found at Depth 22' (m/f) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____
Water found at Depth (m/f) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____
Water found at Depth (m/f) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____

Hole Diameter

Depth (m/ft)		Diameter (cm/in)
From	To	
0'	20'	9 3/4"
20'	60'	5 7/8"

Well Contractor and Well Technician Information

Business Name of Well Contractor Air Rock Drilling Co. Ltd.		Well Contractor's Licence No. 1019	
Business Address (Street Number/Name) 6659 Franktown Road, RR#1		Municipality Richmond	
Province ON	Postal Code K0A 2Z0	Business E-mail Address air-rock@sympatico.ca	
Bus. Telephone No. (inc. area code) 613 538 2170		Name of Well Technician (Last Name, First Name) Hogan, Dan	
Well Technician's Licence No. T3058	Signature of Technician and/or Contractor 	Date Submitted X 1 Y 6 1 9 30	

Well owner's information	Date Package Delivered
package delivered	Y/Y 2013 08 20
<input checked="" type="checkbox"/> Yes	Date Work Completed
<input type="checkbox"/> No	2013 08 20

Ministry Use Only
Audit No. Z 155231
NOV 12 2013



Ontario

Ministry of
the Environment

Tag#: A127976 (Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

A127976

Page ____ of ____

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information:

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
	Primo Developments Inc.		
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
995 Moodie Drive South	Nepean	ON	K2R 1H4

Well Location	Township	Lot	Concession
Address of Well Location (Street Number/Name)	Nepean	RFP/123	4
County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa-Carleton	Nepean	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	436799	5014418	RFR 10958 Part 141 (ESS)	SR-13473 Part 2330.31-34

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m)
	Rock	Fill		From To
				0' 3'
Grey	Clay			3' 16'
	Shale Rock			16' 18'
Grey	Limestone			18' 109'
Grey	Limestone			109' 112'
Grey	Limestone			112' 120'

* FedEx Building *

Annular Space			Results of Well Yield Testing			
Depth Set at (m)	Type of Sealant Used (Material and Type)	Volume Placed (m ³)	After test of well yield, water was:	Draw Down	Recovery	
From To			<input type="checkbox"/> Clear and sand free	Time (min)	Water Level (m)	Time (min)
38 0	Bentonite slurry	33.6	<input type="checkbox"/> Other, specify Not tested	Static Level	16.5'	86.7'
			If pumping discontinued, give reason:	1	25.5	1 66.3
				2	30.3	2 60.4
			Pump intake set at (m)	3	35	3 55.7
			100	4	39.1	4 48.2
			Pumping rate (l/min / GPM)	5	43	5 45.9
			8	10	60.7	10 29.3
			Duration of pumping	15	66.1	15 18.5
			1 hrs + 0 min	20	72.8	20 16.5
			Final water level end of pumping (m)	25	77.1	25 16.5
			86.7'	30	78.5	30 16.5
			If flowing give rate (l/min / GPM)	40	81.8	40 16.5
				50	83.3	50 16.5
			Recommended pump depth (m)	60	86.7'	60 16.5'
			100			
			Recommended pump rate (l/min / GPM)			
			8			
			Well production (l/min / GPM)			
			8			
			Disinfected?			
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Monitoring
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	<input type="checkbox"/> Cooling & Air Conditioning
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify	

Construction Record - Casing			Status of Well	
Inside Diameter (cm)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm)	Depth (m)	
From To			From To	
0"	Steel	188	+2	38'
8"	Open Hole		38'	120'

Construction Record - Screen		
Outside Diameter (cm)	Material (Plastic, Galvanized, Steel)	Slot No.
From To		

Water Details		Hole Diameter	
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m)	Diameter (cm)
109 (m)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	From To	
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	0'	120'
112 (m)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		
(m)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		

Well Contractor and Well Technician Information	
Business Name of Well Contractor	Well Contractor's Licence No.
Air Rock Drilling Co. Ltd.	1119
Business Address (Street Number/Name)	Municipality
8659 Franktown Road, RR#1	Richmond

Province	Postal Code	Business E-mail Address
ON	K0A 2Z0	air-rock@sympatico.ca
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	
6138382170	Purcell, Shannon	
Well Technician's Licence No.	Signature of Technician and/or Contractor	
T2122	[Signature]	
	Date Submitted	
	2012 04 30	

Well owner's information package delivered	Date Package Delivered
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2012 04 25
Date Work Completed	2012 04 24

Ministry Use Only	
Audit No.	z128540
Received	MAY 18 2012
	FEB 24 2016

Comments:

#985
#995
Moodie Drive South
Fallowfield Road
1KM
1KM

Ministry of
the EnvironmentTag#: A127976
A127976

Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization Primo Developments Inc.	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) 995 Moodie Drive South	Municipality Nepean	Province ON	Postal Code K2R 1H4

Well Location

Address of Well Location (Street Number/Name) 995 Moodie Drive South	Township Nepean	Lot R.F. P/L 23	Concession 4
County/District/Municipality Ottawa-Carleton	City/Town/Village Nepean	Province Ontario	Postal Code
UTM Coordinates Zone Easting Northing NAD 83 18 436799 5014418	Municipal Plan and Sublot Number RPR 10958 Part 1 & 11 (LESS) Part 23, 30, 31 & 34	Other	

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m)
	Rock	Fill		0' 3'
Grey	Clay			3' 16'
	Shale Rock			16' 18'
Grey	Limestone			18' 109'
Grey	Limestone			109' 112'
Grey	Limestone			112' 120'

Annular Space			
Depth Set at (m)	Type of Sealant Used (Material and Type)	Volume Placed (m ³)	
38' 0'	Bentonite slurry	33.6	

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify	

Construction Record - Casing				Status of Well	
Inside Diameter (cm)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	From	To
6"	Steel	188	+2'		
6"	Open Hole		38'	38'	120'

<input checked="" type="checkbox"/> Water Supply	<input type="checkbox"/> Replacement Well	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Recharge Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Observation and/or Monitoring Hole
<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned, Insufficient Supply	<input type="checkbox"/> Abandoned, Poor Water Quality	<input type="checkbox"/> Abandoned, other, specify	<input type="checkbox"/> Other, specify	

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

Water Details		Hole Diameter	
Water found at Depth 109 (m)	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
Water found at Depth 112 (m)	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	From To	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		

Well Contractor and Well Technician Information			
Business Name of Well Contractor Air Rock Drilling Co. Ltd.	Well Contractor's Licence No. 1119	Business Address (Street Number/Name) 6659 Franktown Road, RR#1	Municipality Richmond

Province ON	Postal Code K0A 2Z0	Business E-mail Address air-rock@sympatico.ca
Bus. Telephone No. (inc. area code) 6138382170	Name of Well Technician (Last Name, First Name) Purcell, Shannon	Well Technician's Licence No. T2122
Signature of Technician and/or Contractor <i>[Signature]</i>	Date Submitted 2012 04 30	

Results of Well Yield Testing			
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify Not tested	Draw Down	Recovery	
If pumping discontinued, give reason: X	Time (min)	Water Level (m/ft)	Time (min)
	Static Level	16.5'	86.7'
Pump intake set at (m)	1	25.5	1 66.3
100	2	30.3	2 60.4
Pumping rate (l/min / GPM)	3	35	3 55.7
8	4	39.1	4 48.2
Duration of pumping 1 hrs + 0 min	5	43	5 45.8
Final water level end of pumping (m/ft)	10	60.7	10 29.3
86.7	15	66.1	15 18.5
If flowing give rate (l/min / GPM)	20	72.6	20 16.5
Recommended pump depth (m)	25	77.1	25 16.5
100	30	78.5	30 16.5
Recommended pump rate (l/min / GPM)	40	81.8	40 16.5
8	50	83.3	50 16.5
Well production (l/min / GPM)	60	86.7	60 16.5
8			
Disinfected?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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

#995 Moodie Drive

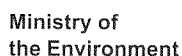
1KM

1KM

Fallowfield Road

Comments:

Well owner's information package delivered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 2012 04 25	Ministry Use Only Audit No. 2128540 MAY 18 2012
	Date Work Completed 2012 04 24	Received



N/A.

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

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Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Ministry of Transportation / N.C.C.			
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
1355 JohnCounter Blvd, Box 4000	Kingston Ont	K7L 5A3	

Well Location

Address of Well Location (Street Number/Name) East Side) MOODIE DRIVE				Township Nepean		Lot P/L25		Concession 4 R. F.	
County/District/Municipality Ottawa - Carleton				City/Town/Village Nepean		Province Ontario		Postal Code 	
UTM Coordinates NAD 8 3 18		Zone 436674		Easting 5015085		Nothing		Municipal Plan and Sublot Number	
						Other			

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m)
				From To
			DUG WELL - 4' diam x 12' depth - Abandonment (open Pit)	0' 12'
			* MTO - Land Management File # K- 06636 * See Attached Photo *	

Annular Space

Depth Set at (m/ft)		Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From	To		
12'	10'	3/8 Hole Plug	20 Bags
10'	9'	Stonedust	✓
9'	7'	3/8 Hole Plug	20 Bags
7'	6'	Stonedust	✓
6'	4'	3/8 Hole Plug	20 Bags
4'	0'	backfill	✓

Method of Construction

<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, <i>specify</i> _____		<input type="checkbox"/> Other, <i>specify</i> _____		

Well Use

<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, <i>specify</i> _____		<input type="checkbox"/> Other, <i>specify</i> _____		

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
					<input type="checkbox"/> Water Supply
					<input type="checkbox"/> Replacement Well
					<input type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply

Status of Well

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
					<input type="checkbox"/> Water Supply
					<input type="checkbox"/> Replacement Well
					<input type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		<input type="checkbox"/> Abandoned, 100% Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
			From	To	
			- NOT TO REG 903		
			- OPEN PIT - DUG WELL		

Abandoned Pools

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		<input type="checkbox"/> Abandoned, 100% Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
			From	To	
			- NOT TO REG 903 - OPEN PIT - DUG WELL		

Water Details

Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____	Depth (m/ft)		Diameter (cm/in)
		From	To	
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			

Hole Diameter

Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____	Depth (m/ft)		Diameter (cm/in)
		From	To	
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			
Water found at Depth (m/ft) <input type="checkbox"/> Gas	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Other, specify _____			

Well Contractor and Well Technician Information

Business Name of Well Contractor		Well Contractor's Licence No.	
AIR ROCK DRILLING CO LTD		1119	
Business Address (Street Number/Name)		Municipality	
RR#1		RICHMOND	
Province	Postal Code	Business E-mail Address	
ONT	K0A 2Z0		
Bus. Telephone No. (inc. area code)		Name of Well Technician (Last Name, First Name)	
613 838 2179		Desaulniers Ken	
Well Technician's Licence No.	Signature of Technician and/or Contractor		Date Submitted
T4	[Signature]		20150731

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, <i>specify</i> _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
	4		4	
Duration of pumping _____ hrs + _____ min	5		5	
Final water level end of pumping (m/ft)	10		10	
If flowing give rate (l/min / GPM)	15		15	
	20		20	
Recommended pump depth (m/ft)	25		25	
Recommended pump rate (l/min / GPM)	30		30	
	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location

Please provide a map below following instructions on the back.

(NO CIVIC)

MODDIE
DRIVE
EAST

2.8 km.

2 km (BUSH AREA)

FALLOWFIELD

Comments:

Well owner's information package delivered

☐ Yes

☒ No

Date Package Delivered

Date Work Completed

20150738

Ministry Use Only

Audit No. **Z 191491**

SEP 22 2015



Ministry of the Environment

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

N/A

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page _____ of _____

Well Owner's Information

First Name: S. DILAWEL Last Name / Organization: Auto Group Co MB Ford Construction E-mail Address: ☐ Well Constructed by Well Owner
Mailing Address (Street Number/Name): 5509 Canotek Road Municipality: Ottawa Province: Ont Postal Code: K1J 9J9 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 200 Dibble Road Township: Rideau Front P/L 2021 Concession: 4
County/District/Municipality: Ottawa-Carleton City/Town/Village: Nepean Province: Ontario Postal Code:
UTM Coordinates: Zone: 18 Easting: 437163 Northing: 5013728 Municipal Plan and Sublot Number: Plan RP51R 13897 Other: Port #12

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From To
	6" Drilled Well Abandonment			0' 740'

*MOE work Attached - Test well #3
*MOE TAG. A113203 (Attached)

Annular Space		
Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
740' 4'	3/8 Quick Grewt	44 bags
4' 0'	Backfill	

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify	

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To	
				<input type="checkbox"/> Water Supply
				<input type="checkbox"/> Replacement Well
				<input type="checkbox"/> Test Hole
				<input type="checkbox"/> Recharge Well
				<input type="checkbox"/> Dewatering Well
				<input type="checkbox"/> Observation and/or Monitoring Hole
				<input type="checkbox"/> Alteration (Construction)
				<input type="checkbox"/> Abandoned, Insufficient Supply
				<input type="checkbox"/> Abandoned, Poor Water Quality
				<input type="checkbox"/> Abandoned, other, specify
				<input type="checkbox"/> Other, specify

Construction Record - Screen			Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From To	
				<input checked="" type="checkbox"/> New Construction
				<input checked="" type="checkbox"/> Well in Ditch (Swale)
				<input type="checkbox"/> Other, specify

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft) From To	Diameter (cm/in)

Well Contractor and Well Technician Information			
Business Name of Well Contractor: AIR ROCK DRILLING CO LTD		Well Contractor's Licence No.: 1119	
Business Address (Street Number/Name): RR#1		Municipality: RICHMOND	
Province: ONT	Postal Code: K0A 2T0	Business E-mail Address:	
Bus. Telephone No. (inc. area code): 613 833 8210		Name of Well Technician (Last Name, First Name): Desautiers Ken	
Well Technician's Licence No.: T4		Signature of Technician and/or Contractor: [Signature] Date Submitted: 2015/2/3	

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

Map of Well Location

Please provide a map below following instructions on the back.

Map showing location relative to Moodie Drive and a well location marked with a circled 'X' and '410'.

Comments:

Well owner's information package delivered		Ministry Use Only	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Audit No. 202688	Received JAN 21 2016
Date Package Delivered: 2015/2/23		Date Work Completed: 2015/2/23	

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Map: Well records

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

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



[Go Back to Map](#)

Well ID

Well ID Number: 7315283

Well Audit Number: Z276931

Well Tag Number: A229118

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	201 DIBBIE RD	
Township	NEPEAN TOWNSHIP	
Lot	022	
Concession	RF 04	
County/District/Municipality	OTTAWA-CARLETON	
City/Town/Village	NEPEAN	
Province	ON	
Postal Code	n/a	
UTM Coordinates	NAD83 — Zone 18 Easting: 437044.00 Northing: 5014060.00	
Municipal Plan and Sublot Number		

Other	
-------	--

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	HPAN	FILL		0 ft	6 ft
GREY	LMSN			6 ft	180 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed	
0 ft	40 ft	CONCRETE		

Method of Construction & Well Use

Method of Construction	Well Use	
Air Percussion		
	Domestic	

Status of Well

Water Supply

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To	
6.25 inch	STEEL	-2 ft	40 ft	
6 inch	OPEN HOLE	40 ft	180 ft	

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To	

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1119

Results of Well Yield Testing

After test of well yield, water was		
If pumping discontinued, give reason		
Pump intake set at	100 ft	
Pumping Rate	20 GPM	

Duration of Pumping	1 h:0 m
Final water level	27.75 ft
If flowing give rate	
Recommended pump depth	100 ft
Recommended pump rate	20 GPM
Well Production	
Disinfected?	Y

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL	8.1 ft		
1	12.9 ft	1	16.2 ft

2	15.5 ft	2	8.1 ft
3	17.3 ft	3	8.1 ft
4	18.7 ft	4	8.1 ft
5	19.9 ft	5	8.1 ft
10	23.8 ft	10	8.1 ft
15	25.8 ft	15	8.1 ft
20	26.5 ft	20	8.1 ft
25	27.3 ft	25	8.1 ft
30	27.8 ft	30	8.1 ft
40	27.9 ft	40	8.1 ft
45		45	

50	27.9 ft	50	8.1 ft
60	27.9 ft	60	8.1 ft

Water Details

Water Found at Depth	Kind	
72 ft	Untested	
104 ft	Untested	
173 ft	Untested	

Hole Diameter

Depth From	Depth To	Diameter	
0 ft	40 ft	9.75 inch	

40 ft	180 ft	6 inch

Audit Number: Z276931

Date Well Completed: June 19, 2018

Date Well Record Received by MOE: July 27, 2018

Related

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-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

Measurements recorded in: ☐ Metric ☒ Imperial

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Well Owner's Information

First Name M. Sullivan & Son Last Name / Organization Amprior E-mail Address _____ ☐ Well Constructed by Well Owner

Mailing Address (Street Number/Name) #100-236 Medawaska Blvd Municipality Amprior Ont Province Ont Postal Code K7S 0A3 Telephone No. (inc. area code) _____

Well Location

Address of Well Location (Street Number/Name) #201 DIBBLE ROAD Township Rideaufront Lot P/L22 Concession 4

County/District/Municipality Ottawa-Gatineau City/Town/Village Nepean Province Ontario Postal Code _____

UTM Coordinates Zone Easting Northing NAD 83 18 437125 5013980 Municipal Plan and Sublot Number _____ Other _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m) From To
	6" Drilled Well Abandonment			0' 500'
	COLD WWR Attached - June 27/12 - TAG A135345			
	(TAG A135345 LOST IN EXCAVATION)			
	* New 6" well - June 19, 2018 - TAG A229118			
	Audit 2276931			
	* PO 17303-020612 HYDRO OTTAWA FACILITY			

Annular Space		
Depth Set at (m) From To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
500' 4'	Quick Grant	21 Bags
4' 0'	Backfill	-

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	
<input type="checkbox"/> Other, specify _____		<input type="checkbox"/> Other, specify _____	

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To		
				<input type="checkbox"/> Water Supply	
				<input type="checkbox"/> Replacement Well	
				<input type="checkbox"/> Test Hole	
				<input type="checkbox"/> Recharge Well	
				<input type="checkbox"/> Dewatering Well	
				<input type="checkbox"/> Observation and/or Monitoring Hole	
				<input type="checkbox"/> Alteration (Construction)	
				<input type="checkbox"/> Abandoned, Insufficient Supply	
				<input type="checkbox"/> Abandoned, Poor Water Quality	
				<input checked="" type="checkbox"/> Abandoned, other, specify _____	
				<input type="checkbox"/> Other, specify _____	

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

New Building/Well in Wrong Location

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft) From To	Diameter (cm/in)

Well Contractor and Well Technician Information			
Business Name of Well Contractor <u>AIR ROCK DRILLING CO LTD</u>		Well Contractor's Licence No. <u>1119</u>	
Business Address (Street Number/Name) <u>RR#1</u>		Municipality <u>RICHMOND</u>	
Province <u>ONT</u>	Postal Code <u>K0A 2Z0</u>	Business E-mail Address _____	

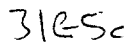
Well Contractor and Well Technician Information	
Bus. Telephone No. (inc. area code) <u>613 838 2170</u>	Name of Well Technician (Last Name, First Name) <u>HANNA JEREMY</u>
Well Technician's Licence No. <u>13632</u>	Signature of Technician and/or Contractor <u>[Signature]</u> Date Submitted <u>2018/03/11</u>

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

Map of Well Location

Please provide a map below following instructions on the back.

Ministry Use Only	
Audit No. <u>2276701</u>	Received <u>001 29 2018</u>



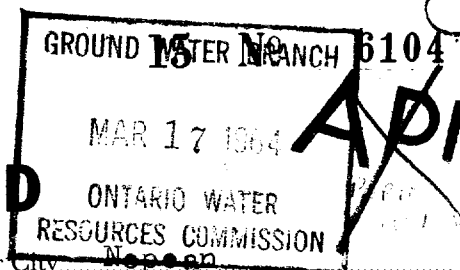
5. 5 0 1 4 7 6 0 N

Ele^{ment}: 4 R 03 80

Basin 25 Carleton
County or District

Con. 4 Lot West 1/2 Lot 22-24 Date completed 27 January, 1964
(day month year)

Address 761 Maloney Blvd, Gatineau, Quebec.



WATER WELL RECORD

Pumping Test

Inside diameter of casing 8"

Total length of casing 8 feet

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 8"-100'; 6"-next 110'

Static level 4 feet

Test-pumping rate 40 G.P.M.

Pumping level 150'

Duration of test pumping 3 hours

Water clear or cloudy at end of test clear

Recommended pumping rate 40 G.P.M.

with pump setting of 150 feet below ground surface

Water Record

[illegible]

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

Cement Plant

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

Drilling or Boring Firm

J.B. Dufresne & Co. Ltd.,

Address 1014 Maitland Ave.,

Ottawa 5, Ont.

Licence Number.....1032

Name of Driller or Borer.....W. Roy

Address 79 St. Jean Baptiste, Deschenes,

Date 5 February, 1964

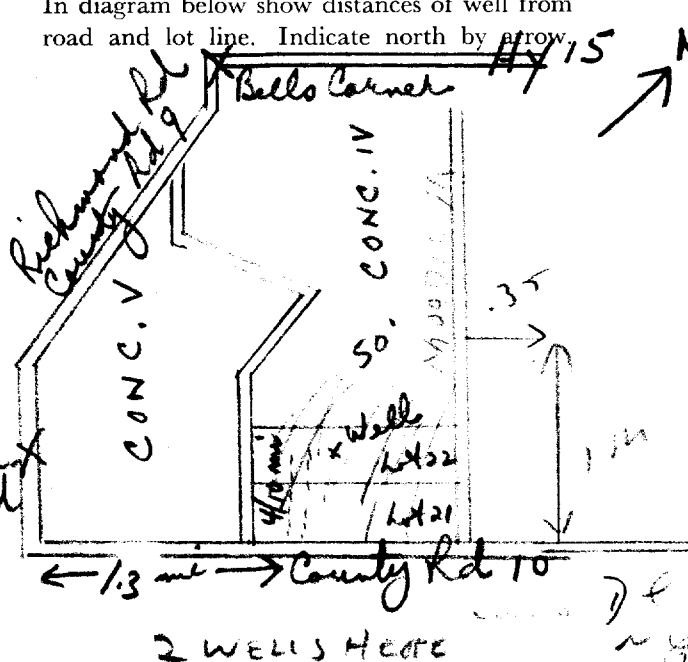
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

O W R C COPY

Location of Well

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



PTM 1181143161810E
5R 501145110N



31G5c

15 No 6105
1966
JAN 11 1966
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

Elev. 44R 0370

WATER WELL RECORD

Basin 25
County or District Carleton

Township, Village, Town or City Nepean

Con. 4 R/L Lot 24

Date completed 6th January 1966
(day month year)

Address Maloney Blvd. - Gatingau, Que.

Casing and Screen Record

Inside diameter of casing 6 3/16"
Total length of casing 13
Type of screen -
Length of screen -
Depth to top of screen -
Diameter of finished hole 5 7/8"

Pumping Test

Static level 20
Test-pumping rate 500 GPH
Pumping level 50
Duration of test pumping 2 hours
Water clear or cloudy at end of test clear
Recommended pumping rate 50 GPH G.P.M.
with pump setting of 65 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
fill	0	10	20	fresh
Reck - limestone	10	70		

INTERNATIONAL CONCRETE MATERIALS

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

office

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

Drilling or Boring Firm

J.B. DUFRESNE & CO. LIMITED

Address 1014 Maitland Ave.,
Ottawa 5, Ont.

Licence Number 1907 2030

Name of Driller or Borer W. Roy

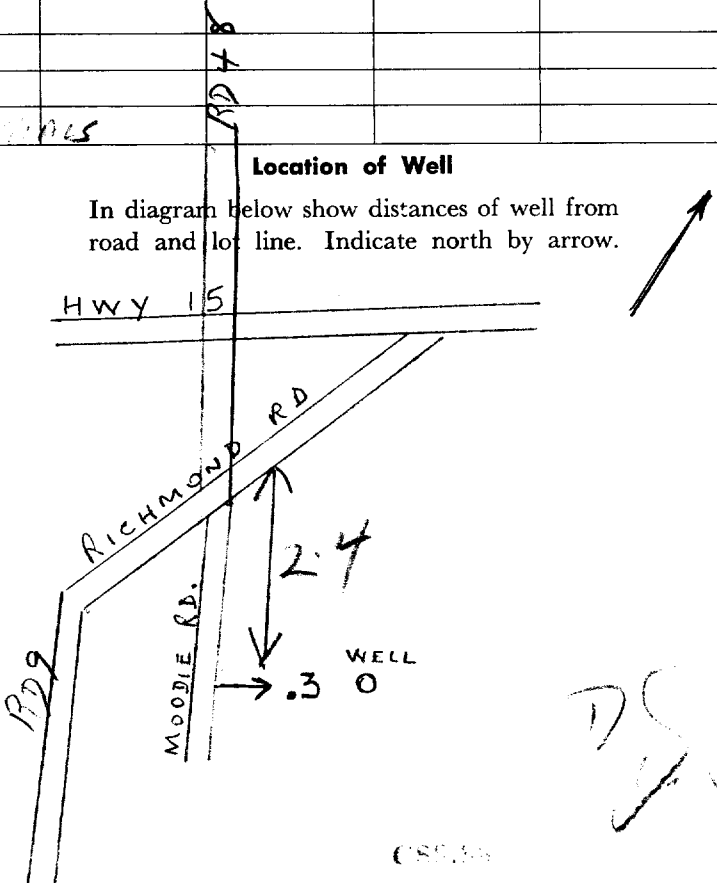
Address 79 St. Jean Baptiste, Deschênes, Que.

Date January 6th 1966

for J.B. Dufresne & Co. Limited

Location of Well

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



UTM 1182 437030E



31G5c

WATER RESOURCES

15 No

6406

DEC 1 1966

ONTARIO WATER

RESOURCES COMMISSION

15R 5014580N

The Ontario Water Resources Commission Act

Elev. 4R 03610

WATER WELL RECORD

Basin 25
County or District Carleton

Township, Village, Town or City Nepean

Con. 4 RF

Lot

west 2/5 of
24

Date completed

7th

(day)

July

month

1966

year)

Address Maloney Blvd. - Gatineau, Que.

Casing and Screen Record

Inside diameter of casing 6 3/16
 Total length of casing 20
 Type of screen -
 Length of screen -
 Depth to top of screen -
 Diameter of finished hole 6

Pumping Test

Static level 20
 Test-pumping rate 250 GPH G.P.M.
 Pumping level 50
 Duration of test pumping 1 1/2 hr.
 Water clear or cloudy at end of test clear
 Recommended pumping rate 200 GPH G.P.M.
 with pump setting of 70 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
fill	0	10	22	fresh
rock - limestone	10	80		

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

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

Drilling or Boring Firm

J.B. DUFRESNE & CO. LIMITED

Address 1014 Maitland Ave.,

Ottawa 5, Ont.

Licence Number 2030

Name of Driller or Borer W. Roy

Address 79 St. Jean Baptiste, Deschênes, Que.

Date July 7th 1966

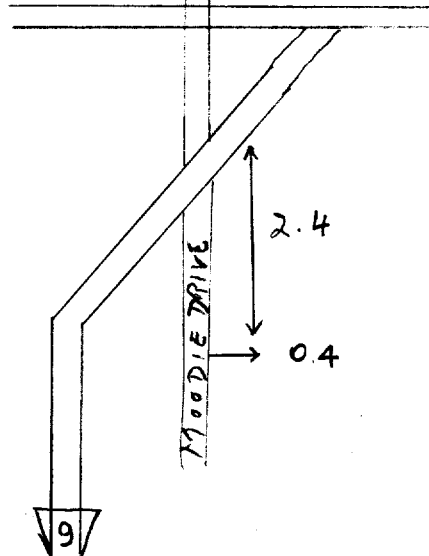
(Signature of Licensed Drilling or Boring Contractor)
 for J.B. Dufresne & Co. Limited

Form 7 15M-60-4138

OWRC COPY

48 Location of Well

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



116



The Ontario Water Resources Act

WATER WELL RECORD

Mark correct box with a checkmark, where applicable.

Con.

CON 04

15 22 23 24

County or District <i>Region of Ottawa Carleton</i>	Township/Borough/City/Town/Village <i>Nepean</i>	Con block tract survey, etc. <i>4</i>	Lot <i>25</i>
Address <i>355 County St. Kingston Ont.</i>		Date completed <i>24 11 98</i> day month year	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

41		WATER RECORD			
Water found at – feet		Kind of water			
10–13	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	14		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
15–18	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	19		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
20–23	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	24		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
25–28	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	29		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
30–33	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	34		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	12		13-16
17-18	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	19		20-23
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	26		27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		30
						41-44
						feet

61	PLUGGING & SEALING RECORD			
<input type="checkbox"/> Annular space		<input checked="" type="checkbox"/> Abandonment		
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)		
From	To			
68 ¹⁹⁻²³	40 ¹⁷	Clear Stone		
40 ¹⁸⁻²¹	0 ²⁰⁻²⁵	Hole Plug		
26-29	30-33	80		

71	Pumping test method ¹⁰ 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ GPM		Duration of pumping ¹⁷⁻¹⁸ Hours Mins	
	Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery	
	19-21	22-24	15 minutes ₂₆₋₂₈	30 minutes ₂₉₋₃₁	45 minutes ₃₂₋₃₄	60 minutes ₃₅₋₃₇
	feet	feet	feet	feet	feet	feet
	If flowing give rate ₃₈₋₄₁ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy	
	Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep		Recommended pump setting ₄₃₋₄₅ feet		Recommended pump rate ₄₆₋₄₉ GPM	

FINAL STATUS OF WELL			54
1	<input type="checkbox"/> Water supply	5	<input type="checkbox"/> Abandoned, insufficient supply
2	<input type="checkbox"/> Observation well	6	<input type="checkbox"/> Abandoned, poor quality
3	<input type="checkbox"/> Test hole	7	<input checked="" type="checkbox"/> Abandoned (Other)
4	<input type="checkbox"/> Recharge well	8	<input type="checkbox"/> Dewatering
		9	<input type="checkbox"/> Unfinished
		10	<input type="checkbox"/> Replacement well

WATER USE			55-56
1	<input checked="" type="checkbox"/> Domestic	5	<input type="checkbox"/> Commercial
2	<input type="checkbox"/> Stock	6	<input type="checkbox"/> Municipal
3	<input type="checkbox"/> Irrigation	7	<input type="checkbox"/> Public supply
4	<input type="checkbox"/> Industrial	8	<input type="checkbox"/> Cooling & air conditioning
		9	<input type="checkbox"/> Not used
		10	<input type="checkbox"/> Other

METHOD OF CONSTRUCTION			57
1	<input type="checkbox"/> Cable tool	5	<input type="checkbox"/> Air percussion
2	<input type="checkbox"/> Rotary (conventional)	6	<input type="checkbox"/> Boring
3	<input type="checkbox"/> Rotary (reverse)	7	<input type="checkbox"/> Diamond
4	<input type="checkbox"/> Rotary (air)	8	<input type="checkbox"/> Jetting
		9	<input type="checkbox"/> Driving
		10	<input type="checkbox"/> Digging
		11	<input type="checkbox"/> Other

LOCATION OF WELL

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

192653

Name of Well Contractor	Well Contractor's Licence No.
Yukon Well Ltd	2558
Address	
RR1 McDonalds Corner Cat KOGIMO	
Name of Well Technician	Well Technician's Licence No.
Scott Hall	T2760
Signature of Technician/Contractor	Submission date
Yukon Well	25 11 98 day mo yr

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	69
	Date of inspection		Inspector		DEC 18 1996		
Remarks							

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1530757

Municipality

15008

Con








RF

04

County or District <i>Ottawa (Carleton)</i>	Township/Borough/City/Town/Village <i>Rideau Front</i>	Con block tract survey, etc. <i>Con 4</i>	Lot <i>25</i>
Address <i>22 Lytle Ave, Nepean, Ont</i>		Date completed <i>09 09 99</i>	
<div> <div>21</div> <div>1 2</div> <div>U</div> <div>M</div> <div>10</div> <div>20</div> <div>30</div> <div>40</div> <div>50</div> <div>60</div> <div>70</div> <div>80</div> <div>90</div> <div>100</div> </div>		<div> <div>Northings</div> <div>AC</div> <div>Elevation</div> <div>AC</div> <div>Basin Code</div> <div>ii</div> <div>iii</div> <div>iv</div> </div>	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)[illegible]

31

32       

41		10		14		15		21	
WATER RECORD									
Water found at - feet		Kind of water							
10-13 45		1	<input checked="" type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur			14	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals				
				6	<input type="checkbox"/> Gas				
15-18 110		1	<input checked="" type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur			19	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals				
				6	<input type="checkbox"/> Gas				
20-23		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur			24	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals				
				6	<input type="checkbox"/> Gas				
25-28		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur			29	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals				
				6	<input type="checkbox"/> Gas				
30-33		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur			34	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals				
				6	<input type="checkbox"/> Gas				

51		43		CASING & OPEN HOLE RECORD	
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
10-11	<input checked="" type="checkbox"/> 1 Steel <input type="checkbox"/> 2 Galvanized <input type="checkbox"/> 3 Concrete <input type="checkbox"/> 4 Open hole <input type="checkbox"/> 5 Plastic	12	60 1/4	22	
17-18	<input type="checkbox"/> 1 Steel <input type="checkbox"/> 2 Galvanized <input type="checkbox"/> 3 Concrete <input type="checkbox"/> 4 Open hole <input type="checkbox"/> 5 Plastic	19	188	0	
24-25	<input type="checkbox"/> 1 Steel <input type="checkbox"/> 2 Galvanized <input type="checkbox"/> 3 Concrete <input type="checkbox"/> 4 Open hole <input type="checkbox"/> 5 Plastic	26			

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
				inches	feet	
	Material and type			Depth at top of screen		
				feet		

61	PLUGGING & SEALING RECORD			
<input type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment		
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)		
From	To			
10-13 22 0	14-17 22-25	Cement Grout		
18-21				
26-29	30-33	80		

71	Pumping test method		10	Pumping rate	11-14	Duration of pumping		15-16	17-18
	1 <input checked="" type="checkbox"/> Pump	2 <input type="checkbox"/> Bailer		10	GPM	1	Hours		Mins
	Static level		25	Water levels during		1 <input type="checkbox"/> Pumping	2 <input checked="" type="checkbox"/> Recovery		
	19-21	22-24	25	26-28	29-31	32-34	35-37		
	9	120	45	21	15	10			
		feet	feet	feet	feet	feet	feet	feet	feet
If flowing give rate			38-41	Pump intake set at		Water at end of test			
			GPM	feet		<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Cloudy			
Recommended pump type			43-45	Recommended pump setting		Recommended pump rate			
<input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep				80 feet		8 GPM			

FINAL STATUS OF WELL			54
1	<input checked="" type="checkbox"/> Water supply	5	<input type="checkbox"/> Abandoned, insufficient supply
2	<input type="checkbox"/> Observation well	6	<input type="checkbox"/> Abandoned, poor quality
3	<input type="checkbox"/> Test hole	7	<input type="checkbox"/> Abandoned (Other)
4	<input type="checkbox"/> Recharge well	8	<input type="checkbox"/> Dewatering
9	<input type="checkbox"/> Unfinished		
10	<input type="checkbox"/> Replacement well		

WATER USE			55-56
1	<input checked="" type="checkbox"/> Domestic	5	<input type="checkbox"/> Commercial
2	<input type="checkbox"/> Stock	6	<input type="checkbox"/> Municipal
3	<input type="checkbox"/> Irrigation	7	<input type="checkbox"/> Public supply
4	<input type="checkbox"/> Industrial	8	<input type="checkbox"/> Cooling & air conditioning
9	<input type="checkbox"/> Not use		
10	<input type="checkbox"/> Other		

METHOD OF CONSTRUCTION			57
1	<input type="checkbox"/> Cable tool	5	<input checked="" type="checkbox"/> Air percussion
2	<input type="checkbox"/> Rotary (conventional)	6	<input type="checkbox"/> Boring
3	<input type="checkbox"/> Rotary (reverse)	7	<input type="checkbox"/> Diamond
4	<input type="checkbox"/> Rotary (air)	8	<input type="checkbox"/> Jetting
9	<input type="checkbox"/> Driving		
10	<input type="checkbox"/> Digging		
11	<input type="checkbox"/> Other		

LOCATION OF WELL

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

Hwy 410

Hunt Club Rd

Cedarview Dr

Lytle Ave.

• ← well

□ 35' from house

208218

Name of Well Contractor	Well Contractor's Licence No.
George H Law + Son Ltd	3323
Address	
Box 55 Culabogie, Ont	K0J 1H0
Name of Well Technician	Well Technician's Licence No.
Alf Law	T-0433
Signature of Technician/Contractor	Submission date
<i>George H Law</i>	day 9 mo 9 yr 99

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	69
			3323		SEP 21 1999		
	Date of inspection			Inspector			
	Remarks	CSS.ES0					

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1531508

Municipality

Con.

Municipality
15008







RF







04

County or District Ottawa Carleton	Township/Borough/City/Town/Village Nepean	Con block tract survey, etc. 4	Lot 25
Address Box 194 Manotick, Ontario K4M 1A3		Date completed 24 day 10 month 09	

21 U T M 10 12 14 16 17 18 20 22 24 25 RC Elevation 26 28 30 31 33 35 37 39 41 43 45 47 Basin Code ii iii iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)[illegible]

31      

32      

41		10		14		15		21	
WATER RECORD									
Water found at - feet			Kind of water						
88	10-13		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	14		
			2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
					6	<input type="checkbox"/> Gas			
	15-18		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	19		
			2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
					6	<input type="checkbox"/> Gas			
	20-23		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	24		
			2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
					6	<input type="checkbox"/> Gas			
	25-28		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	29		
			2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
					6	<input type="checkbox"/> Gas			
	30-33		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	34		
			2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals			
					6	<input type="checkbox"/> Gas			

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 1/4	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	1.88	0	22.16
6	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic		22.5	98
	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic			

SCREEN	5a	31-33	5b	34-38	7c	39-40	8d
	Sizes of opening (Slot No.)		Diameter		Length		
			inches		feet		
	Material and type			Depth at top of screen		30	
				41-44			
				feet			

61	PLUGGING & SEALING RECORD			
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment		
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)		
From	To			
10-13	14-17	Grouted - Cement (3)		
21	0			
18-21	22-25			
26-29	30-33			
		80		

PUMPING TEST	Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 6 GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ 15 Mins	
	Static level ¹⁹⁻²¹		Water level end of pumping ²²⁻²⁴		Water levels during ²⁵ 1 <input checked="" type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery	
	19-21		22-24		25	
	15 minutes ²⁶⁻²⁸		30 minutes ²⁹⁻³¹		45 minutes ³²⁻³⁴	
	5'8" ³⁵		45 feet		95 feet ³⁶	
	60 feet		60 feet		60 feet ³⁷	
	45 feet		60 feet		45 feet ³⁸	
If flowing give rate ³⁸⁻⁴¹		Pump intake set at		Water at end of test ⁴²		
GPM		feet		<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy		
Recommended pump type		Recommended pump setting ⁴³⁻⁴⁵		Recommended pump rate ⁴⁶⁻⁴⁹		
<input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		60 feet		5 GPM		

FINAL STATUS OF WELL			54
1	<input checked="" type="checkbox"/> Water supply	5	<input type="checkbox"/> Abandoned, insufficient supply
2	<input type="checkbox"/> Observation well	6	<input type="checkbox"/> Abandoned, poor quality
3	<input type="checkbox"/> Test hole	7	<input type="checkbox"/> Abandoned (Other)
4	<input type="checkbox"/> Recharge well	8	<input type="checkbox"/> Dewatering
9	<input type="checkbox"/> Unfinished		
10	<input type="checkbox"/> Replacement well		

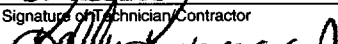
WATER USE			55-56
1	<input checked="" type="checkbox"/> Domestic	5	<input type="checkbox"/> Commercial
2	<input type="checkbox"/> Stock	6	<input type="checkbox"/> Municipal
3	<input type="checkbox"/> Irrigation	7	<input type="checkbox"/> Public supply
4	<input type="checkbox"/> Industrial	8	<input type="checkbox"/> Cooling & air conditioning
9	<input type="checkbox"/> Not use		
10	<input type="checkbox"/> Other		

METHOD OF CONSTRUCTION			57
1	<input type="checkbox"/> Cable tool	5	<input checked="" type="checkbox"/> Air percussion
2	<input type="checkbox"/> Rotary (conventional)	6	<input type="checkbox"/> Boring
3	<input type="checkbox"/> Rotary (reverse)	7	<input type="checkbox"/> Diamond
4	<input checked="" type="checkbox"/> Rotary (air)	8	<input type="checkbox"/> Jetting
9	<input type="checkbox"/> Driving		
10	<input type="checkbox"/> Digging		
11	<input type="checkbox"/> Other		

LOCATION OF WELL

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

224685

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0097
Signature of Technician/Contractor	Submission date
	day 25 mo 10 yr 00

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68
		1558		NOV 16 2000	
	Date of inspection	Inspector			
	Remarks				

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1532252

Municipality

15008

Con.

REF

04

County or District Ottawa - Carleton	Township/Borough/City/Town/Village Nepesin , Ont Front	Con block tract survey, etc. 4	Lot 25
Owner's surname Patterson Associates	First Name	Address Nepesin, Ont	Date completed 25 07 01 day month year

Figure 1 illustrates the layout of a data record. The record is structured as follows:

- Field 1:** A box containing the number 21, with sub-fields 1 and 2.
- Field 2:** A vertical stack of characters U, T, and M, with a value of 10 below.
- Field 3:** A field labeled Zone, with a value of 10 below.
- Field 4:** A field labeled Easting, with a scale from 12 to 17.
- Field 5:** A field labeled Northing, with a scale from 18 to 24.
- Field 6:** A field labeled RC, with a value of 25 below.
- Field 7:** A field labeled Elevation, with a scale from 26 to 30.
- Field 8:** A field labeled RC, with a value of 30 below.
- Field 9:** A field labeled Basin Code, with a scale from 31 to 47 and sub-labels ii, iii, and iv.

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

31

32

10 14 15 21 32 43 54 65 75 84

41		WATER RECORD				21	
Water found at - feet		Kind of water					
10-13	42	1	<input checked="" type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	14	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
15-18	96	1	<input checked="" type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	19	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
20-23	113	1	<input checked="" type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	22	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
25-28		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	29	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
30-33		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	34	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		

CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11 6 1/4	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	12 188	0	22
17-18 8 3/4	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	19	0	20
24-25 6	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	26	20	120

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		30
				-41-44		
				feet		

61	PLUGGING & SEALING RECORD			
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment		
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)		
From	To			
10-13	14-17	cement grout		
18-21	22-25			
26-29	30-33	80		

PUMPING TEST	71		Pumping test method 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailor		Pumping rate 12 GPM		Duration of pumping 15-16 Hours 17-18 Mins	
	Static level		Water level end of pumping		25 Water levels during 1 <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Recovery			
	19-21	22-24	15 minutes 26-28	30 minutes 29-31	45 minutes 32-34	60 minutes 35-37		
	8 feet	110 feet	8 feet	8 feet	8 feet	8 feet		
	If flowing give rate 38-41		Pump intake set at		Water at end of test 42			
	GPM		feet		<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy			
Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting 43-45 110 feet		Recommended pump rate 46-49 12 GPM				
50-53								

FINAL STATUS OF WELL		54
1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE		55-56
1 <input checked="" type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION		57
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

LOCATION OF WELL

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

Test Well #1

416

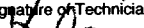
.2km

X

.2km

Lytle

234296

Name of Well Contractor	Well Contractor's Licence No.
Air Rock Drilling Co Ltd	1119
Address	
RR #2 Jasper, Ont	
Name of Well Technician	Well Technician's Licence No.
Shannon Purcell	12122
Signature of Technician/Contractor	Submission date
	0808 01 day mo yr

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68	8
	1119		SEP 20 2001			
	Date of inspection	Inspector				
	Remarks					
	<div style="text-align: right;">OSS.ES1</div>					



The Ontario Water Resources Act

WATER WELL RECORD

Mark correct box with a checkmark, where applicable.

11

1532255

Municipality

15008

Con.

CON

104








County or District Ottawa-Carleton	Township/Borough/City/Town/Village Rideau Front	Con block tract survey, etc. 4	Lot 24
Owner's surname Patterson Associates	First Name Neenan, ont	Address Date completed 26 07 01 day month year	








Figure 1 illustrates the layout of a data record. The record is divided into several fields, each with a specific bit range or position:

- Zone:** A vertical field with positions 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Easting:** A horizontal field with positions 12 to 17.
- Northing:** A horizontal field with positions 18 to 24.
- RC:** A vertical field with position 25.
- Elevation:** A horizontal field with positions 26 to 30.
- RC:** A vertical field with position 30.
- Basin Code:** A long horizontal field with positions 31 to 47.

The fields are labeled with their respective bit ranges or positions, and the layout is shown in a schematic manner with lines and boxes indicating the structure of the data record.

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)[illegible]

31       

32       

41		10	14	15	21
WATER RECORD					
Water found at - feet		Kind of water			
10-13	1 <input checked="" type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	14		
124	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
15-18	1 <input checked="" type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	19		
180	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
20-23	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	24		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
25-28	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	29		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			
30-33	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	34		
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals			
		6 <input type="checkbox"/> Gas			

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	12		13-16
6'4"		188	0	22
17-18	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	19		20-23
83.4			0	20
24-25	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Open hole <input type="checkbox"/> Plastic	26		27-30
6			20	180

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen	41-44	30
				feet		

61				PLUGGING & SEALING RECORD			
<input checked="" type="checkbox"/> Annular space				<input type="checkbox"/> Abandonment			
Depth set at - feet				Material and type (Cement grout, bentonite, etc.)			
From		To					
10-13		14-17		cement grout			
18-21		22-25					
26-29		30-33					
				80			

PUMPING TEST	Pumping test method ¹⁰ <input checked="" type="checkbox"/> Pump ² <input type="checkbox"/> Bailer		Pumping rate ⁴ ¹¹⁻¹⁴ GPM		Duration of pumping ¹⁵⁻¹⁶ ¹⁷⁻¹⁸ Hours Mins	
	Static level	Water level end of pumping	Water levels during ¹ <input type="checkbox"/> Pumping ² <input checked="" type="checkbox"/> Recovery			
	¹⁹⁻²¹ 14 feet	²²⁻²⁴ 180 feet	²⁵ 15 minutes ²⁶⁻²⁸ 14 feet	²⁹⁻³¹ 30 minutes 14 feet	³²⁻³⁴ 45 minutes 14 feet	³⁵⁻³⁷ 60 minutes 14 feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
	Recommended pump type ⁴³⁻⁴⁵ <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ 180 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 4 GPM	

FINAL STATUS OF WELL			54
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

WATER USE			55-56
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use	
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

METHOD OF CONSTRUCTION			57
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting		

LOCATION OF WELL

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

Test Well #3

0.2 km

416

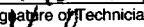
1.7 Km

14th St

X

↑ N

234298

Name of Well Contractor M. A. Rock Drilling Ltd 1119	Well Contractor's Licence No.
Address RR #2 Jasper, Ont	
Name of Well Technician Shannon Purcell	Well Technician's Licence No. T2122
Signature of Technician/Contractor 	Submission date 10 08 01 day mo yr

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68	8
		1119		SEP 20 2001		
	Date of inspection	Inspector				
	Remarks					
	C88.ES1					



The Ontario Water Resources Act

WATER WELL RECORD

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

Municipality Con

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
	Nepean	4	22, 23, 24 +
Address of Well Location		Date completed	1003 25
Ottawa, Ont		14 day	month year

21	Zone	Easting	Northing	RC	Elevation	RC	Basin Code	ii	iii	iv
	UT M	12	12	17	18	24	25	26	30	31

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

31

32

41		14 15		26		37	
WATER RECORD							
Water found at - feet		Kind of water					
10-13	160	1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	4	
		2	<input type="checkbox"/> Salty	5	<input type="checkbox"/> Minerals		
				6	<input type="checkbox"/> Gas		
15-18		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	19	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
20-23		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	24	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
25-28		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	29	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		
30-33		1	<input type="checkbox"/> Fresh	3	<input type="checkbox"/> Sulphur	34	
		2	<input type="checkbox"/> Salty	4	<input type="checkbox"/> Minerals		
				5	<input type="checkbox"/> Gas		

CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	12	188 0	23
17-18	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	19	21	182
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	26		27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
				inches	feet	
	Material and type			Depth at top of screen		30
				feet		

61 PLUGGING & SEALING RECORD				
<input checked="" type="checkbox"/> Annular space			<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)		
From	To			
10-13	14-17	Cement grout		
21	0			
18-21	22-25			
26-29	30-33	80		

PUMPING TEST	Pumping test method ¹⁰ 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		Pumping rate ¹¹⁻¹⁴ 3 GPM		Duration of pumping 1 ¹⁵⁻¹⁶ Hours ¹⁷⁻¹⁸ Mins	
	Static level	Water level end of pumping	25 Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery			
	19-21 15 feet	22-24 170 feet	15 minutes ²⁶⁻²⁷ 134 feet	30 minutes ²⁹⁻³¹ 98 feet	45 minutes ³²⁻³⁴ 62 feet	60 minutes ³⁵⁻³⁷ 26 feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy	
	Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ 170 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 3 GPM	
	10-12					

FINAL STATUS OF WELL		54
1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input checked="" type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	
WATER USE		
55-56		
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input checked="" type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	
METHOD OF CONSTRUCTION		57
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

LOCATION OF WELL

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

Lytle Ave

500'

1.4 km

Test well #7

265645

Name of Well Contractor	Well Contractor's Licence No.
Ar. Rock Drilling Co Ltd	1119
Address	
RR#1 Richmond, Ont	
Name of Well Technician	Well Technician's Licence No.
Shannon Purcell	T2122
Signature of Technician/Contractor	Submission date
Kenneth [Signature]	day 11 mo 11 yr 03

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	69
			1119		NOV 18 2003		
	Date of inspection			Inspector			
	Remarks						



July 8, 2024

Mr. Mark Bujaki
Paterson Group
9 Auriga
Ottawa, Ontario K2E 7T9
mbujaki@patersongroup.ca

Dear Mark Bujaki:

RE: **MECP FOI A-2024-03984, Your Reference PE6605 – 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:

4497A and 4497B O'Keefe Court, Ottawa.

Timeframe: January 1, 1900 to June 17, 2024

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

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

If you have any questions, please contact Shannon Neita at shannon.neita@ontario.ca.

Yours truly,

Shannon Neita

for
Josephine DeSouza
Manager, Access and Privacy Office



File Number: D06-03-24-0067

July, 25 2024

Mark Bujaki
Paterson Group

Sent via email mbujaki@patersongroup.ca

Dear Mark Bujaki,

Re: Information Request
4497a and 4497b O Keefe Court **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 does not have any environmental records for these properties.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** No record found for this property.
- **Solid Waste Services:** No record found for this property.

Documents Provided:

HLUI Summary Report and HLUI Map

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

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

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <https://ero.ontario.ca/> 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 key 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: [Public Health Inspections - Ottawa Public Health](#)

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,

Evode Rwagasore

Planner

Development Review

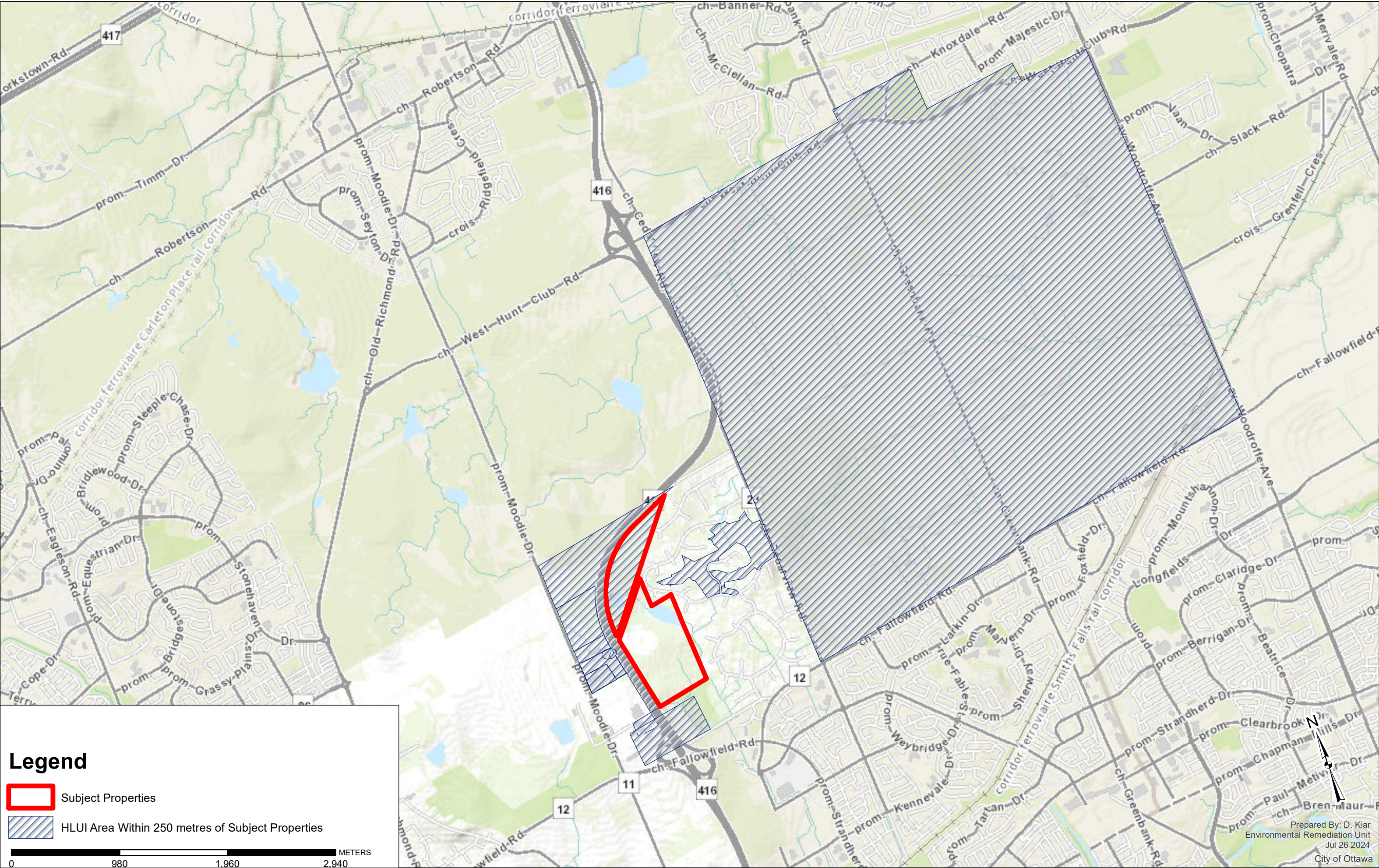
Planning, Development and Building Services Department

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-24-0067

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP





DATABASE REPORT

Project Property: *PE6605 - 4497 O'Keefe Court
PE6605 - 4497 O'Keefe Crt
Ottawa ON*

Project No:

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *24060700508*

Requested by: *Paterson Group Inc.*

Date Completed: *June 11, 2024*

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Executive Summary

Property Information:

Project Property: PE6605 - 4497 O'Keefe Court
PE6605 - 4497 O'Keefe Crt Ottawa ON

Project No:

Order Information:

Order No: 24060700508
Date Requested: June 7, 2024
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	1	1
AMIS	Abandoned Mine Information System	Y	0	2	2
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	23	23
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	9	9
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	5	9	14
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	11	11
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	1	1	2
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	30	32

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	8	93	101

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		Hope Side Road Extension Ottawa ON	SSE/0.0	-2.61	<u>30</u>
<u>2</u>	WWIS		O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535795	S/0.0	-1.54	<u>30</u>
<u>3</u>	EHS		4497 O'Keefe Court Nepean ON K2R 0A2	SSE/0.0	-2.24	<u>36</u>
<u>3</u>	EHS		4497 O'Keefe Court Nepean ON K2R 0A2	SSE/0.0	-2.24	<u>37</u>
<u>3</u>	EHS		4497 O'Keefe Court Nepean ON K2R 0A2	SSE/0.0	-2.24	<u>37</u>
<u>3</u>	EHS		4497 O'Keefe Court Nepean ON K2R 0A2	SSE/0.0	-2.24	<u>37</u>
<u>4</u>	MNR	Dibblee	ON	SSE/0.0	-1.63	<u>37</u>
<u>5</u>	WWIS		O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535794	SSE/0.0	-1.62	<u>38</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>6</u>	WWIS		lot 23 con 4 ON Well ID: 1528550	NNE/3.2	-4.99	<u>44</u>
<u>7</u>	ECA	Cedarhill Golf Enterprises Inc.	Ottawa ON K2R 1C5	NNE/4.4	-4.99	<u>47</u>
<u>8</u>	BORE		ON	S/12.4	-1.08	<u>48</u>
<u>9</u>	WWIS		lot 22 con 4 ON Well ID: 1522195	E/22.6	-6.75	<u>49</u>
<u>9</u>	WWIS		lot 22 con 4 ON Well ID: 1525630	E/22.6	-6.75	<u>52</u>
<u>9</u>	WWIS		lot 22 con 4 ON Well ID: 1527561	E/22.6	-6.75	<u>55</u>
<u>10</u>	WWIS		lot 24 con 4 ON Well ID: 1506106	NW/43.2	2.34	<u>59</u>
<u>11</u>	BORE		ON	NW/43.3	2.34	<u>61</u>
<u>12</u>	WWIS		lot 23 con 4 ON Well ID: 1533716	NE/47.8	-2.39	<u>62</u>
<u>13</u>	WWIS		38 CEDARHILL DRIVE OTTAWA ON Well ID: 7210748	NNE/68.0	-1.42	<u>67</u>
<u>14</u>	BORE		ON	SSE/72.2	-1.39	<u>74</u>
<u>15</u>	WWIS		lot 22 con 4 ON	E/74.1	-6.78	<u>75</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1518834			
16	AMIS	DIBBLEE	NEPEAN ON	S/83.1	5.66	78
17	BORE		ON	S/89.1	2.70	79
18	WWIS		lot 24 con 4 ON Well ID: 1532255	NW/96.1	3.61	79
19	WWIS		201 DIBBLE RD lot 22 con 4 NEPEAN ON Well ID: 7189269	SW/114.0	5.25	83
19	WWIS		201 DIBBLE RD lot 22 con 4 NEPEAN ON Well ID: 7321075	SW/114.0	5.25	90
20	MNR	Fallowfield Quarry	ON	NW/116.9	3.61	93
21	BORE		ON	SSE/133.3	-1.73	93
22	BORE		ON	SSE/141.3	-1.62	94
23	BORE		ON	NW/141.5	4.61	95
24	WWIS		201 DIBBLE RD lot 22 con 4 NEPEAN ON Well ID: 7315283	WSW/142.6	7.25	96
25	BORE		ON	SSE/142.6	-0.53	103
26	BORE		ON	SSE/146.7	-1.73	104
27	AMIS	FALLOWFIELD QUARRY	NEPEAN ON	NW/148.0	4.61	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>28</u>	SPL		Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON	SSE/149.3	-0.53	<u>105</u>
<u>29</u>	BORE		ON	E/150.8	-1.69	<u>106</u>
<u>30</u>	BORE		ON	SSE/150.8	-1.61	<u>107</u>
<u>31</u>	SPL	PRIVATE OWNER	HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON	SSE/151.1	0.61	<u>108</u>
<u>32</u>	BORE		ON	SSE/152.6	-0.51	<u>109</u>
<u>33</u>	BORE		ON	SSE/153.2	-1.73	<u>111</u>
<u>34</u>	BORE		ON	SSE/154.4	1.48	<u>111</u>
<u>35</u>	BORE		ON	SSE/156.5	-0.51	<u>112</u>
<u>36</u>	BORE		ON	SSE/156.9	0.61	<u>113</u>
<u>37</u>	WWIS		lot 24 con 4 ON Well ID: 1506105	WNW/159.2	5.57	<u>114</u>
<u>38</u>	BORE		ON	SSE/170.3	1.34	<u>116</u>
<u>39</u>	BORE		ON	SSE/170.4	2.14	<u>117</u>
<u>40</u>	BORE		ON	SSE/177.6	2.14	<u>118</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>41</u>	WWIS		985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON Well ID: 7181163	W/180.3	6.31	<u>119</u>
<u>42</u>	WWIS		lot 24 con 4 ON Well ID: 1506102	NW/196.4	6.39	<u>127</u>
<u>43</u>	WWIS		lot 24 con 4 ON Well ID: 1532254	N/196.7	2.31	<u>129</u>
<u>44</u>	WWIS		lot 24 con 4 ON Well ID: 1530498	N/198.0	1.02	<u>133</u>
<u>45</u>	WWIS		lot 21 con 4 ON Well ID: 1524757	ESE/198.9	-8.54	<u>137</u>
<u>45</u>	WWIS		lot 21 con 4 ON Well ID: 1525470	ESE/198.9	-8.54	<u>141</u>
<u>45</u>	WWIS		lot 21 con 4 ON Well ID: 1528797	ESE/198.9	-8.54	<u>144</u>
<u>46</u>	WWIS		lot 21 con 4 ON Well ID: 1530347	ESE/199.2	-8.54	<u>148</u>
<u>46</u>	WWIS		lot 21 con 4 ON Well ID: 1530351	ESE/199.2	-8.54	<u>151</u>
<u>46</u>	WWIS		lot 21 con 4 ON Well ID: 1523369	ESE/199.2	-8.54	<u>155</u>
<u>46</u>	WWIS		lot 21 con 4 ON Well ID: 1525234	ESE/199.2	-8.54	<u>158</u>
<u>46</u>	WWIS		lot 21 con 4 ON Well ID: 1526002	ESE/199.2	-8.54	<u>162</u>
<u>47</u>	ECA	SSSS Dilawri Holdings Inc.	Part of Part 2, 4, and 5 of Reference Plan 4R27752 Ottawa ON K2E 1A5	ESE/199.3	-8.54	<u>165</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
47	ECA	1702764 Ontario Limited	Part of Ottawa ON K2E 1A6	ESE/199.3	-8.54	166
48	WWIS		lot 24 con 4 ON Well ID: 1522454	N/199.6	1.02	166
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
49	EHS		Motor Works Private Nepean ON K2R 1J2	SSW/203.9	9.31	170
50	EHS		201 Dibblee Rd Ottawa ON	SW/209.9	7.26	171
50	EASR	HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE	201 Dibblee RD Ottawa ON K2R 1J2	SW/209.9	7.26	171
50	ECA	Hydro Ottawa Limited/ Hydro Ottawa Limitee	201 Dibblee Rd Ottawa ON K1G 3S4	SW/209.9	7.26	171
50	GEN	Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	SW/209.9	7.26	171
50	GEN	Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	SW/209.9	7.26	172
50	GEN	Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	SW/209.9	7.26	173

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
51	WWIS		200 DIBBLE RD lot 21 con 4 NEPEAN ON <i>Well ID: 7167913</i>	SSW/210.5	8.38	173
51	WWIS		200 DIBBLE RD lot 21 con 4 NEPEAN ON <i>Well ID: 7169716</i>	SSW/210.5	8.38	181
51	WWIS		200 DIBBLE ROAD lot 21 con 4 NEPEAN ON <i>Well ID: 7256766</i>	SSW/210.5	8.38	187
52	BORE		ON	SSE/218.6	-1.92	190
53	EHS		200 Dibblee Rd. Ottawa ON	SSW/223.8	9.31	190
53	EHS		200 Dibblee Road Ottawa ON	SSW/223.8	9.31	191
53	ECA	SSSS Dilawri Holdings Inc.	200 Dibblee Rd Ottawa ON K2E 1A5	SSW/223.8	9.31	191
53	ECA	200 Dibblee Inc.	200 Dibblee Rd Ottawa ON K1T 3V7	SSW/223.8	9.31	191
53	EBR	Hydro Ottawa Limited/ Hydro Ottawa Limitee	200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON	SSW/223.8	9.31	191
54	BORE		ON	S/229.9	3.00	192
55	EHS		995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4	W/233.2	7.34	193
55	CA	DBL Container Services Ltd.	995 Moody Dr Ottawa ON	W/233.2	7.34	193

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>55</u>	CA	Capital Junk Inc.	995 Moodie Dr Ottawa ON	W/233.2	7.34	<u>193</u>
<u>55</u>	ECA	Capital Junk Inc.	995 Moodie Dr Ottawa ON K2J 0A9	W/233.2	7.34	<u>193</u>
<u>55</u>	ECA	DBL Container Services Ltd.	995 Moody Dr Ottawa ON K0G 1J0	W/233.2	7.34	<u>194</u>
<u>55</u>	GEN	Dean Ryan'S Landscaping	995 Moodie Drive Nepean ON K2R 1H4	W/233.2	7.34	<u>194</u>
<u>56</u>	AGR	The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.	ON	SSW/241.5	9.31	<u>194</u>
<u>57</u>	ECA	Primo Developments Inc.	985 Moodie Dr S Ottawa ON K2R 1H4	W/242.2	6.31	<u>195</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON	W/242.2	6.31	<u>195</u>
<u>57</u>	PINC	PIPELINE HIT 1"	985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON	W/242.2	6.31	<u>196</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	<u>196</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	<u>196</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	<u>197</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	<u>197</u>
<u>57</u>	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	<u>198</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
57	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	W/242.2	6.31	198
58	BORE		ON	SE/242.7	-6.02	199
59	WWIS		lot 24 con 4 ON <i>Well ID:</i> 1506104	NW/246.8	6.31	200
60	BORE		ON	NW/246.8	6.31	203

Executive Summary: Summary By Data Source

AGR - Aggregate Inventory

A search of the AGR database, dated Up to Nov 2023 has found that there are 1 AGR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.	ON	241.5	<u>56</u>

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Apr 2024 has found that there are 2 AMIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DIBBLEE	NEPEAN ON	83.1	<u>16</u>
FALLOWFIELD QUARRY	NEPEAN ON	148.0	<u>27</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 23 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	12.4	<u>8</u>
	ON	43.3	<u>11</u>
	ON	72.2	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	89.1	<u>17</u>
	ON	133.3	<u>21</u>
	ON	141.3	<u>22</u>
	ON	141.5	<u>23</u>
	ON	142.6	<u>25</u>
	ON	146.7	<u>26</u>
	ON	150.8	<u>29</u>
	ON	150.8	<u>30</u>
	ON	152.6	<u>32</u>
	ON	153.2	<u>33</u>
	ON	154.4	<u>34</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	156.5	<u>35</u>
	ON	156.9	<u>36</u>
	ON	170.3	<u>38</u>
	ON	170.4	<u>39</u>
	ON	177.6	<u>40</u>
	ON	218.6	<u>52</u>
	ON	229.9	<u>54</u>
	ON	242.7	<u>58</u>
	ON	246.8	<u>60</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Capital Junk Inc.	995 Moodie Dr Ottawa ON	233.2	<u>55</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DBL Container Services Ltd.	995 Moody Dr Ottawa ON	233.2	55

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 31, 2024 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE	201 Dibblee RD Ottawa ON K2R 1J2	209.9	50

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Mar 31, 2024 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro Ottawa Limited/ Hydro Ottawa Limitee	200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON	223.8	53

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2024 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cedarhill Golf Enterprises Inc.	Ottawa ON K2R 1C5	4.4	7
1702764 Ontario Limited	Part of Ottawa ON K2E 1A6	199.3	47
SSSS Dilawri Holdings Inc.	Part of Part 2, 4, and 5 of Reference Plan 4R27752 Ottawa ON K2E 1A5	199.3	47

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro Ottawa Limited/ Hydro Ottawa Limitee	201 Dibblee Rd Ottawa ON K1G 3S4	209.9	<u>50</u>
SSSS Dilawri Holdings Inc.	200 Dibblee Rd Ottawa ON K2E 1A5	223.8	<u>53</u>
200 Dibblee Inc.	200 Dibblee Rd Ottawa ON K1T 3V7	223.8	<u>53</u>
Capital Junk Inc.	995 Moodie Dr Ottawa ON K2J 0A9	233.2	<u>55</u>
DBL Container Services Ltd.	995 Moody Dr Ottawa ON K0G 1J0	233.2	<u>55</u>
Primo Developments Inc.	985 Moodie Dr S Ottawa ON K2R 1H4	242.2	<u>57</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 14 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Hope Side Road Extension Ottawa ON	0.0	<u>1</u>
	4497 O'Keefe Court Nepean ON K2R 0A2	0.0	<u>3</u>
	4497 O'Keefe Court Nepean ON K2R 0A2	0.0	<u>3</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4497 O'Keefe Court Nepean ON K2R 0A2	0.0	<u>3</u>
	4497 O'Keefe Court Nepean ON K2R 0A2	0.0	<u>3</u>
	Motor Works Private Nepean ON K2R 1J2	203.9	<u>49</u>
	Motor Works Private Nepean ON K2R 1J2	203.9	<u>49</u>
	Motor Works Private Nepean ON K2R 1J2	203.9	<u>49</u>
	Motor Works Private Nepean ON K2R 1J2	203.9	<u>49</u>
	Motor Works Private Nepean ON K2R 1J2	203.9	<u>49</u>
	201 Dibblee Rd Ottawa ON	209.9	<u>50</u>
	200 Dibblee Rd. Ottawa ON	223.8	<u>53</u>
	200 Dibblee Road Ottawa ON	223.8	<u>53</u>
	995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4	233.2	<u>55</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 11 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	209.9	<u>50</u>
Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	209.9	<u>50</u>
Hydro Ottawa	201 Dibblee Road Ottawa ON K2R 1J2	209.9	<u>50</u>
Dean Ryan'S Landscaping	995 Moodie Drive Nepean ON K2R 1H4	233.2	<u>55</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON	242.2	<u>57</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	242.2	<u>57</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2024 has found that there are 2 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dibblee	ON	0.0	<u>4</u>
Fallowfield Quarry	ON	116.9	<u>20</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 1"	985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3, CA ON	242.2	<u>57</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON	149.3	<u>28</u>
PRIVATE OWNER	HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON	151.1	<u>31</u>

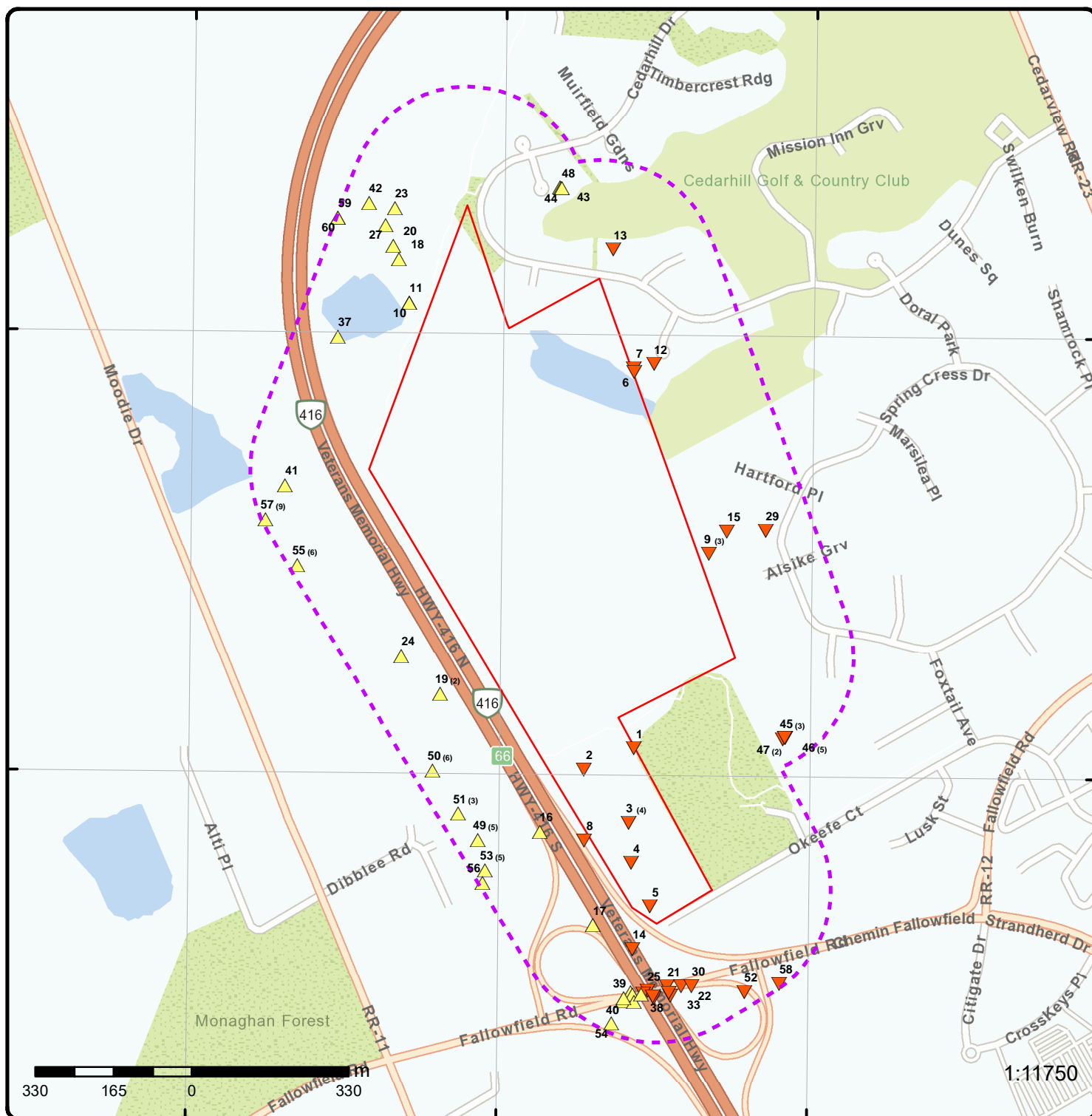
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 32 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535795	0.0	<u>2</u>
	O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535794	0.0	<u>5</u>
	lot 23 con 4 ON <i>Well ID:</i> 1528550	3.2	<u>6</u>
	lot 22 con 4 ON <i>Well ID:</i> 1527561	22.6	<u>9</u>
	lot 22 con 4 ON <i>Well ID:</i> 1525630	22.6	<u>9</u>
	lot 22 con 4 ON <i>Well ID:</i> 1522195	22.6	<u>9</u>
	lot 24 con 4 ON <i>Well ID:</i> 1506106	43.2	<u>10</u>
	lot 23 con 4 ON <i>Well ID:</i> 1533716	47.8	<u>12</u>
	38 CEDARHILL DRIVE OTTAWA ON <i>Well ID:</i> 7210748	68.0	<u>13</u>
	lot 22 con 4 ON <i>Well ID:</i> 1518834	74.1	<u>15</u>
	lot 24 con 4 ON <i>Well ID:</i> 1532255	96.1	<u>18</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID: 7189269</i>	114.0	<u>19</u>
	201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID: 7321075</i>	114.0	<u>19</u>
	201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID: 7315283</i>	142.6	<u>24</u>
	lot 24 con 4 ON <i>Well ID: 1506105</i>	159.2	<u>37</u>
	985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON <i>Well ID: 7181163</i>	180.3	<u>41</u>
	lot 24 con 4 ON <i>Well ID: 1506102</i>	196.4	<u>42</u>
	lot 24 con 4 ON <i>Well ID: 1532254</i>	196.7	<u>43</u>
	lot 24 con 4 ON <i>Well ID: 1530498</i>	198.0	<u>44</u>
	lot 21 con 4 ON <i>Well ID: 1524757</i>	198.9	<u>45</u>
	lot 21 con 4 ON <i>Well ID: 1525470</i>	198.9	<u>45</u>
	lot 21 con 4 ON <i>Well ID: 1528797</i>	198.9	<u>45</u>
	lot 21 con 4 ON	199.2	<u>46</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 1530347		
	lot 21 con 4 ON	199.2	<u>46</u>
	Well ID: 1530351		
	lot 21 con 4 ON	199.2	<u>46</u>
	Well ID: 1523369		
	lot 21 con 4 ON	199.2	<u>46</u>
	Well ID: 1525234		
	lot 21 con 4 ON	199.2	<u>46</u>
	Well ID: 1526002		
	lot 24 con 4 ON	199.6	<u>48</u>
	Well ID: 1522454		
	200 DIBBLE RD lot 21 con 4 NEPEAN ON	210.5	<u>51</u>
	Well ID: 7167913		
	200 DIBBLE RD lot 21 con 4 NEBEAN ON	210.5	<u>51</u>
	Well ID: 7169716		
	200 DIBBLE ROAD lot 21 con 4 NEPEAN ON	210.5	<u>51</u>
	Well ID: 7256766		
	lot 24 con 4 ON	246.8	<u>59</u>
	Well ID: 1506104		



Map: 0.25 Kilometer Radius

Order Number: 24060700508

Address: PE6605 - 4497 O'Keefe Crt, Ottawa, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	Hospital

75°48'W

45°16'30"N

45°16'30"N



Aerial

Year: 2023

Order Number: 24060700508

Address: PE6605 - 4497 O'Keefe Crt, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°49'30"W

75°48'W

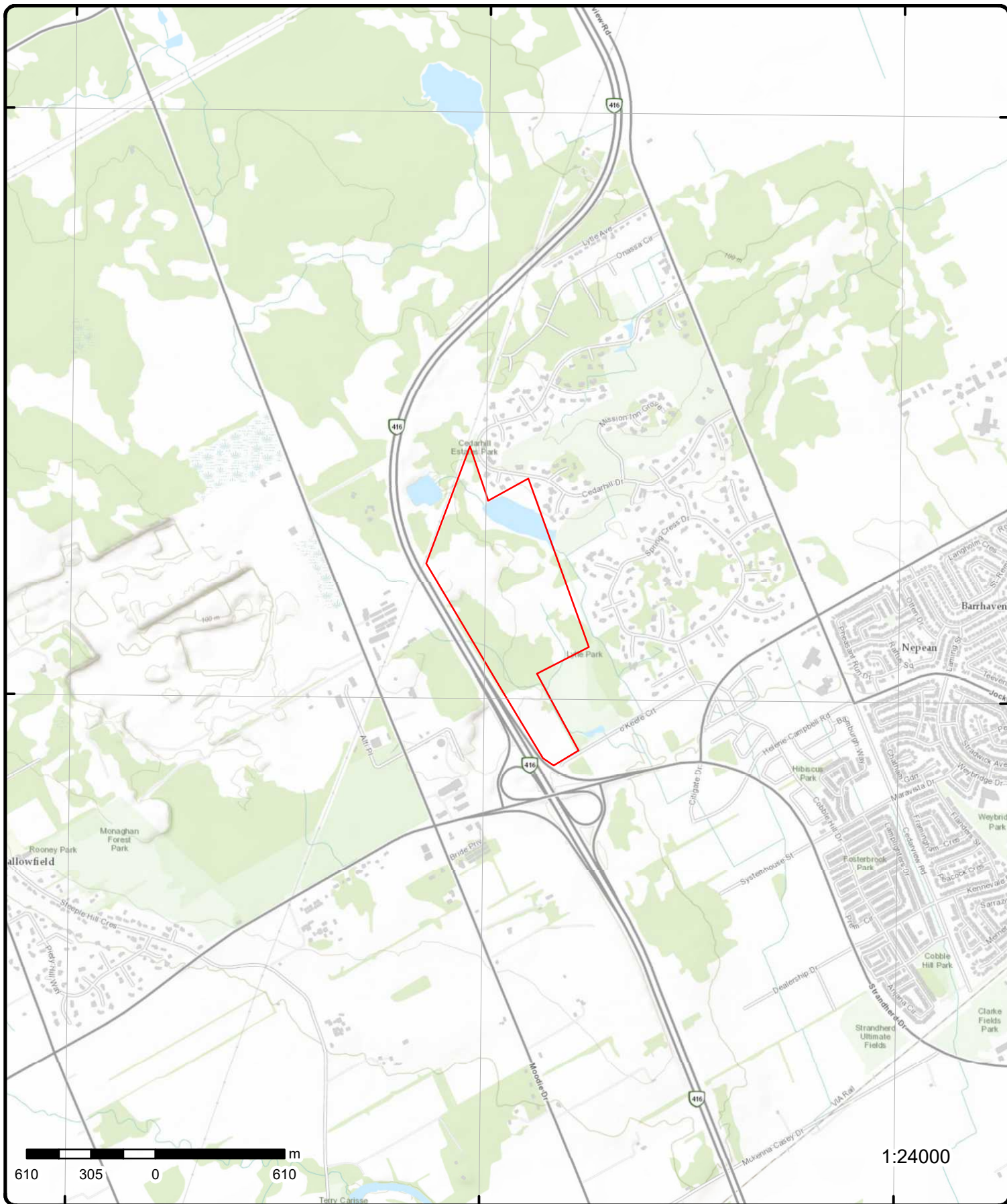
75°46'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



Topographic Map

Address: PE6605 - 4497 O'Keefe Crt, ON

Source: ESRI World Topographic Map

Order Number: 24060700508



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/0.0	109.0 / -2.61	Hope Side Road Extension Ottawa ON	EHS
Order No:		20081017050		Nearest Intersection:	Hope Side Road and Richmond Road, Hope Side Road and West Hunt Club
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		10/28/2008		Search Radius (km):	0.25
Date Received:		10/17/2008		X:	-75.79701
Previous Site Name:				Y:	45.275247
Lot/Building Size:					
Additional Info Ordered:					
2	1 of 1	S/0.0	110.0 / -1.54	O'KEEFE COURT lot 20 con 4 NEPEAN ON	WWIS
Well ID:		1535795		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	09/26/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z30789		Contractor:	1119
Tag:		A028639		Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:		PLAN 5R13897			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535795.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/04/2005			
Year Completed:		2005			
Depth (m):		43.28			
Latitude:		45.2750931443785			
Longitude:		-75.7977335296855			
X:		-75.79773336878252			
Y:		45.27509313744358			
Path:		153\1535795.pdf			
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	11316334			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437428.00
Code OB Desc:				North83:	5013820.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	08/04/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
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:	932997187				
Layer:	1				
Color:					
General Color:					
Material 1:	11				
Material 1 Desc:	GRAVEL				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	5.489999771118164				
Formation End Depth UOM:	m				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932997188				
Layer:	2				
Color:					
General Color:					
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	5.489999771118164				
Formation End Depth:	43.279998779296875				
Formation End Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	933277485				
Layer:	1				
Plug From:	6.710000038146973				
Plug To:	3.6600000858306885				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		933277484			
Layer:		2			
Plug From:		3.6600000858306885			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961535795			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331189			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855746			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.710000038146973			
Depth To:		43.279998779296875			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855745			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		7.309999942779541			
Casing Diameter:		15.880000114440918			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11345675			
Pump Set At:		33.529998779296875			
Static Level:		3.5899999141693115			
Final Level After Pumping:		5.28000020980835			
Recommended Pump Depth:		33.529998779296875			
Pumping Rate:		113.75			
Flowing Rate:					
Recommended Pump Rate:		113.75			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455137				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	3.5899999141693115				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455138				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	3.5899999141693115				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455151				
Test Type:	Recovery				
Test Duration:	2				
Test Level:	3.869999885559082				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455131				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	5.190000057220459				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455139				
Test Type:	Draw Down				
Test Duration:	20				
Test Level:	5.099999904632568				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455127				
Test Type:	Recovery				
Test Duration:	40				
Test Level:	3.5899999141693115				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455130				
Test Type:	Recovery				
Test Duration:	25				
Test Level:	3.5999999046325684				
Test Level UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455133			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.550000190734863			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455148			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.679999828338623			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455136			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.28000020980835			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455140			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.7200000286102295			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455143			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.340000152587891			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455152			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		3.940000057220459			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455132			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		5.230000019073486			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455142			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.909999847412109			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455128			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.630000114440918			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455129			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.139999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455134			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		5.260000228881836			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455135			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3.5899999141693115			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455144			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.019999980926514			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455145			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.730000019073486			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455146			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.7899999618530273			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455147			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.799999952316284			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455150			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.610000133514404			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455141			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.680000066757202			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455149			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.8299999237060547			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934065039			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		10.970000267028809			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11533915			
Diameter:		15.239999771118164			
Depth From:		0.0			
Depth To:		43.279998779296875			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>3</u>	1 of 4	SSE/0.0	109.3 / -2.24	4497 O'Keefe Court Nepean ON K2R 0A2	EHS
Order No:	23052400700			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	05-JUN-23			Search Radius (km):	.25
Date Received:	24-MAY-23			X:	-75.79651
Previous Site Name:				Y:	45.27409

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
<u>3</u>	2 of 4	SSE/0.0	109.3 / -2.24	4497 O'Keefe Court Nepean ON K2R 0A2	EHS
Order No: 23052400700 Status: C Report Type: Custom Report Report Date: 05-JUN-23 Date Received: 24-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.79651 Y: 45.27409					
<u>3</u>	3 of 4	SSE/0.0	109.3 / -2.24	4497 O'Keefe Court Nepean ON K2R 0A2	EHS
Order No: 23052400700 Status: C Report Type: Custom Report Report Date: 05-JUN-23 Date Received: 24-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.79651 Y: 45.27409					
<u>3</u>	4 of 4	SSE/0.0	109.3 / -2.24	4497 O'Keefe Court Nepean ON K2R 0A2	EHS
Order No: 23052400700 Status: C Report Type: Custom Report Report Date: 05-JUN-23 Date Received: 24-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.79651 Y: 45.27409					
<u>4</u>	1 of 1	SSE/0.0	109.9 / -1.63	Dibblee ON	MNR
MDI No: MDI31G05SW00020 OGF ID: Deposit Status: Claim Map: Geological Dstrct: Southern Ontario Mining Division: Name: Dibblee Primary Commodity: LIMESTONE (CRUSHED STONES) Secondary Commod: Latitude: 45.273328 Longitude: -75.796443 Class Sub Type: Source Map: Detail: https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00020 All Names: Dibblee, Houlahan					
Twp Area: Nepean Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status: Producing Mine					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Access Description:		2.5 km E of Followfield.			
5	1 of 1	SSE/0.0	109.9 / -1.62	O'KEEFE COURT lot 20 con 4 NEPEAN ON	WWIS
Well ID: 1535794		Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st: Domestic		Data Entry Status:			
Use 2nd:		Data Src:			
Final Well Status: Water Supply		Date Received: 09/26/2005			
Water Type:		Selected Flag: TRUE			
Casing Material:		Abandonment Rec:			
Audit No: Z30790		Contractor: 1119			
Tag: A028638		Form Version: 3			
Constructn Method:		Owner:			
Elevation (m):		County: OTTAWA-CARLETON			
Elevatn Reliabilty:		Lot: 020			
Depth to Bedrock:		Concession: 04			
Well Depth:		Concession Name:			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality: NEPEAN TOWNSHIP					
Site Info: PLAN 5R13897					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535794.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 08/03/2005					
Year Completed: 2005					
Depth (m): 103.63					
Latitude: 45.2725133278757					
Longitude: -75.7959253463559					
X: -75.79592518489962					
Y: 45.27251332139148					
Path: 153\1535794.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 11316333		Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 437567.00			
Code OB Desc:		North83: 5013532.00			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 4			
Date Completed: 08/03/2005		UTMRC Desc: margin of error : 30 m - 100 m			
Remarks:		Location Method: wwr			
Location Method Desc: on Water Well Record					
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: 932997186					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	3.049999952316284				
Formation End Depth:	103.62999725341797				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932997185				
Layer:	1				
Color:					
General Color:					
Material 1:	11				
Material 1 Desc:	GRAVEL				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	3.049999952316284				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	933277482				
Layer:	2				
Plug From:	3.049999952316284				
Plug To:	0.0				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	933277483				
Layer:	1				
Plug From:	6.099999904632568				
Plug To:	3.049999952316284				
Plug Depth UOM:	m				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961535794				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11331188				
Casing No:	1				
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930855743			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		6.710000038146973			
Casing Diameter:		15.880000114440918			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855744			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.099999904632568			
Depth To:		103.62999725341797			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11345674			
Pump Set At:		91.44000244140625			
Static Level:		3.4600000381469727			
Final Level After Pumping:		38.65999984741211			
Recommended Pump Depth:		91.44000244140625			
Pumping Rate:		45.5			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455107			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3.7100000381469727			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455118			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.380000114440918			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455120			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		32.61000061035156			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455103			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		20.729999542236328			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455109			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		36.56999969482422			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455112			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		8.210000038146973			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455115			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		11.470000267028809			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455116			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		29.280000686645508			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455122			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		34.540000915527344			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455102			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:	5				
Test Level:	28.969999313354492				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455114				
Test Type:	Draw Down				
Test Duration:	25				
Test Level:	32.060001373291016				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455119				
Test Type:	Draw Down				
Test Duration:	4				
Test Level:	11.640000343322754				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455123				
Test Type:	Draw Down				
Test Duration:	50				
Test Level:	37.90999984741211				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455125				
Test Type:	Recovery				
Test Duration:	1				
Test Level:	36.560001373291016				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455101				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	6.159999847412109				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455111				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	33.959999084472656				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11455113				
Test Type:	Draw Down				
Test Duration:	2				
Test Level:	7.480000019073486				
Test Level UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455117			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		15.979999542236328			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455105			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		26.020000457763672			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455108			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		13.479999542236328			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455110			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		38.65999984741211			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455126			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		30.739999771118164			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455104			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		21.469999313354492			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455121			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		9.649999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455124			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type: Draw Down					
Test Duration: 1					
Test Level: 5.179999828338623					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 11455106					
Test Type: Recovery					
Test Duration: 60					
Test Level: 3.559999942779541					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 934065038					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 100.58000183105469					
Water Found Depth UOM: m					
<u>Water Details</u>					
Water ID: 934065037					
Layer: 2					
Kind Code:					
Kind:					
Water Found Depth: 101.19000244140625					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 11533914					
Diameter: 15.239999771118164					
Depth From: 0.0					
Depth To: 103.62999725341797					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>6</u>	1 of 1	NNE/3.2	106.6 / -4.99	lot 23 con 4 ON	WWIS
Well ID: 1528550					
Construction Date:					
Use 1st: Commerical					
Use 2nd:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 137540					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality: NEPEAN TOWNSHIP					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 07/17/1995					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3644					
Form Version: 1					
Owner:					
County: OTTAWA-CARLETON					
Lot: 023					
Concession: 04					
Concession Name: RF					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528550.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	05/01/1995				
Year Completed:	1995				
Depth (m):	49.6824				
Latitude:	45.282627150928				
Longitude:	-75.7964786095077				
X:	-75.79647844905796				
Y:	45.28262714400202				
Path:	152\1528550.pdf				
Bore Hole Information					
Bore Hole ID:	10050086			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437534.70
Code OB Desc:				North83:	5014656.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	05/01/1995			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931070010				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	931070011				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		163.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961528550			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598656			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930087548			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		163.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930087547			
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991528550			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		150.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934906464			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		53.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934388345			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		98.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934104720			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		123.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934648861			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933488280			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			

<u>7</u>	1 of 1	NNE/4.4	106.6 / -4.99	Cedarhill Golf Enterprises Inc.	ECA
Ottawa ON K2R 1C5					
Approval No:	8837-8GQJZY			MOE District:	Ottawa
Approval Date:	2011-05-11			City:	
Status:	Approved			Longitude:	-75.7965
Record Type:	ECA			Latitude:	45.2827
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Cedarhill Golf Enterprises Inc.				
Address:					
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8351-87TP28-14.pdf				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	S/12.4	110.5 / -1.08	ON	BORE
<div> <div> Borehole ID: 848530 OGF ID: 215590151 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 04-APR-1991 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 4.8 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 110 Elev Reliabil Note: DEM Ground Elev m: 106 Concession: CON 4 Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 21 Township: NEPEAN Latitude DD: 45.273752 Longitude DD: -75.797702 UTM Zone: 18 Easting: 437429 Northing: 5013671 Location Accuracy: Accuracy: Within 20 metres </div> </div>					
<u>Borehole Geology Stratum</u>					
<div> <div> Geology Stratum ID: 6561292 Top Depth: 0 Bottom Depth: 1.7 Material Color: Brown Material 1: Fill Material 2: Sand Material 3: Silt Material 4: Roots Gsc Material Description: Stratum Description: SILTY SAND (FILL), CONTAINS TRACES OF ROOT FIBRES AND TOPSOIL ENCLOSURES, BROWN TO DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<div> <div> Geology Stratum ID: 6561293 Top Depth: 1.7 Bottom Depth: 4.1 Material Color: Brown Material 1: Till Material 2: Sand Material 3: Silt Material 4: Gravel Gsc Material Description: Stratum Description: BROWN TO GREY, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, CONTAINS NUMEROUS BOULDERS, DENSE TO VERY DENSE (GLACIAL TILL), BROWN TO GREY **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> Mat Consistency: Dense Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: glacial </div> </div>					
<div> <div> Geology Stratum ID: 6561294 Top Depth: 4.1 Bottom Depth: 4.8 Material Color: Grey Material 1: Bedrock Material 2: Limestone Material 3: Light-coloured Material 4: Dark-Coloured Gsc Material Description: Stratum Description: LIGHT TO DARK GREY, BEDROCK LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 3	E/22.6	104.8 / -6.75	lot 22 con 4 ON	WWIS
<div><div><div>Well ID:1522195</div><div>Construction Date:</div><div>Use 1st:Domestic</div><div>Use 2nd:</div><div>Final Well Status:Water Supply</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:25078</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:1</div><div>Date Received:02/01/1988</div><div>Selected Flag:TRUE</div><div>Abandonment Rec:</div><div>Contractor:1558</div><div>Form Version:1</div><div>Owner:</div><div>County:OTTAWA-CARLETON</div><div>Lot:022</div><div>Concession:04</div><div>Concession Name:CON</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div> <div>PDF URL (Map):https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522195.pdf</div> <div><div><div>Additional Detail(s) (Map)</div><div><div><div>Well Completed Date:11/30/1987</div><div>Year Completed:1987</div><div>Depth (m):38.1</div><div>Latitude:45.2792028576279</div><div>Longitude:-75.7944289506121</div><div>X:-75.79442879009332</div><div>Y:45.27920285128958</div><div>Path:152\1522195.pdf</div></div></div></div><div><div><div>Bore Hole Information</div><div><div><div>Bore Hole ID:10044008</div><div>DP2BR:</div><div>Spatial Status:</div><div>Code OB:</div><div>Code OB Desc:</div><div>Open Hole:</div><div>Cluster Kind:</div><div>Date Completed:11/30/1987</div><div>Remarks:</div><div>Location Method Desc:Lot centroid</div><div>Elevrc Desc:</div><div>Location Source Date:</div><div>Improvement Location Source:</div><div>Improvement Location Method:</div><div>Source Revision Comment:</div><div>Supplier Comment:</div></div><div><div>Elevation:</div><div>Elevrc:</div><div>Zone:18</div><div>East83:437691.70</div><div>North83:5014274.00</div><div>Org CS:</div><div>UTMRC:9</div><div>UTMRC Desc:unknown UTM</div><div>Location Method:lot</div></div></div></div><div><div><div>Overburden and Bedrock</div><div>Materials Interval</div></div><div><div><div>Formation ID:931050534</div><div>Laver:2</div></div></div></div></div></div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Color:		1			
General Color:		WHITE			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		74			
Material 2 Desc:		LAYERED			
Material 3:		90			
Material 3 Desc:		VERY			
Formation Top Depth:		4.0			
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931050533			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961522195			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10592578			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930076952			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		100.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930076953			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		125.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930076951			
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991522195			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934109309			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934654545			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934392994			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934903377				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	50.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933479993				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	117.0				
Water Found Depth UOM:	ft				
9	2 of 3	E/22.6	104.8 / -6.75	lot 22 con 4 ON	WWIS
Well ID:	1525630			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:	10/02/1991
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	100093			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525630.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/12/1991				
Year Completed:	1991				
Depth (m):	41.148				
Latitude:	45.2792028576279				
Longitude:	-75.7944289506121				
X:	-75.79442879009332				
Y:	45.27920285128958				
Path:	152\1525630.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10047365			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437691.70
Code OB Desc:				North83:	5014274.00
Open Hole:				Org CS:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	9
Date Completed:		08/12/1991		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		931061845			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		110.0			
Formation End Depth:		135.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931061844			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		9.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931061843			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961525630				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10595935				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930082912				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	22.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930082913				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	135.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991525630				
Pump Set At:					
Static Level:	6.0				
Final Level After Pumping:	30.0				
Recommended Pump Depth:	75.0				
Pumping Rate:	30.0				
Flowing Rate:					
Recommended Pump Rate:	15.0				
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				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934388247				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934906384			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649204			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934104589			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933484679			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		129.0			
Water Found Depth UOM:		ft			
<hr/>					
<u>9</u>	3 of 3	E/22.6	104.8 / -6.75	lot 22 con 4 ON	WWIS
Well ID:	1527561			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:	12/06/1993
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	138013			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527561.pdf			
Additional Detail(s) (Map)					
Well Completed Date:	10/07/1993				
Year Completed:	1993				
Depth (m):	29.8704				
Latitude:	45.2792028576279				
Longitude:	-75.7944289506121				
X:	-75.79442879009332				
Y:	45.27920285128958				
Path:	152\1527561.pdf				
Bore Hole Information					
Bore Hole ID:	10049196			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437691.70
Code OB Desc:				North83:	5014274.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/07/1993			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931067031				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:	73				
Material 2 Desc:	HARD				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	13.0				
Formation End Depth:	98.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	931067030				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	02				
Material 1 Desc:	TOPSOIL				
Material 2:	71				
Material 2 Desc:	FRACTURED				
Material 3:	74				
Material 3 Desc:	LAYERED				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112538			
Layer:		1			
Plug From:		0.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961527561			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10597766			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930085921			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		26.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930085922			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		73.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930085923			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		98.0			
Casing Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991527561			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934111215			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934655357			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		9.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934386031			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		9.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903730			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		9.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933487055			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
Water Details					
Water ID:		933487056			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			

10	1 of 1	NW/43.2	113.9 / 2.34	lot 24 con 4 ON	WWIS
Well ID:		1506106		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Industrial		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	12/14/1966
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506106.pdf			

Additional Detail(s) (Map)

Well Completed Date: 07/07/1966
 Year Completed: 1966
 Depth (m): 24.384
 Latitude: 45.2838989327874
 Longitude: -75.8025403940659
 X: -75.80254023266743
 Y: 45.28389892599604
 Path: 150\1506106.pdf

Bore Hole Information

Bore Hole ID:	10028149	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437060.70
Code OB Desc:		North83:	5014802.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	07/07/1966	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		931003802			
Layer:		1			
Color:					
General Color:					
Material 1:		01			
Material 1 Desc:		FILL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931003803			
Layer:		2			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961506106			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576719			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049045			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		20.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049046			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506106			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		4.0			
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:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460189			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		22.0			
Water Found Depth UOM:		ft			

<u>11</u>	1 of 1	NW/43.3	113.9 / 2.34	ON	BORE
Borehole ID:	610564			Inclin FLG:	No
OGF ID:	215512077			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1966			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.2839
Total Depth m:	24.4			Longitude DD:	-75.802541
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437061
Drill Method:				Northing:	5014802

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	109 110			Location Accuracy: Accuracy:	Not Applicable
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218385894 0 3 Fill FILL.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	 fill
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218385895 3 24.4 Limestone LIMESTONE. 00022000350. UNSPECIFIED. SEISMIC VELOCITY = 6500. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
<u>Source</u>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 03072 NTS_Sheet:			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<u>Source List</u>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
12	1 of 1	NE/47.8	109.2 / -2.39	lot 23 con 4 ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type:	1533716 Water Supply			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:	 1 05/08/2003 TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing Material:			Abandonment Rec:		
Audit No:	248251			Contractor:	1119
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533716.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	03/20/2003				
Year Completed:	2003				
Depth (m):	67.9704				
Latitude:	45.2827838322094				
Longitude:	-75.7959541948255				
X:	-75.7959540334166				
Y:	45.28278382537308				
Path:	153\1533716.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10537550			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437576.00
Code OB Desc:				North83:	5014673.00
Open Hole:				Org CS:	NA
Cluster Kind:				UTMRC:	6
Date Completed:	03/20/2003			UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:				Location Method:	gis
Location Method Desc:	from gis				
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:	932905562				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:	46				
Material 2 Desc:	QUARTZ				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	121.0				
Formation End Depth:	223.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932905560			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932905561			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		121.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933236246			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533716			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11086120			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930097483			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		8.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930097482			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		20.0			
Casing Diameter:		12.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930097484			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		223.0			
Casing Diameter:		8.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991533716			
Pump Set At:					
Static Level:		2.0			
Final Level After Pumping:		210.0			
Recommended Pump Depth:		210.0			
Pumping Rate:		90.0			
Flowing Rate:					
Recommended Pump Rate:		90.0			
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934665371			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		2.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934913498			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		2.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934396091			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		2.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934121238			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		2.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934031047			
Layer:		4			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		173.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934031046			
Layer:		3			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		164.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934031045			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		152.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934031044			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		129.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	NNE/68.0	110.1 / -1.42	38 CEDARHILL DRIVE OTTAWA ON	WWIS
<div><div><div>Well ID:7210748</div><div>Construction Date:</div><div>Use 1st:Domestic</div><div>Use 2nd:</div><div>Final Well Status:Water Supply</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:Z155231</div><div>Tag:A128166</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:NEPEAN TOWNSHIP</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:</div><div>Date Received:11/12/2013</div><div>Selected Flag:TRUE</div><div>Abandonment Rec:</div><div>Contractor:1119</div><div>Form Version:7</div><div>Owner:</div><div>County:OTTAWA-CARLETON</div><div>Lot:</div><div>Concession:</div><div>Concession Name:</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7210748.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/28/2013			
Year Completed:		2013			
Depth (m):		18.288			
Latitude:		45.2849454202613			
Longitude:		-75.7970682817359			
X:		-75.79706812078541			
Y:		45.28494541296854			
Path:		721\7210748.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004625791		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				437491.00	
Cluster Kind:				North83:	
Date Completed:		08/28/2013		5014914.00	
Remarks:				Org CS:	
Location Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				4	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 30 m - 100 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004875464			
Layer:		3			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		22.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004875462			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004875465			
Layer:		4			
Color:		1			
General Color:		WHITE			
Material 1:		20			
Material 1 Desc:		QUARTZITE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004875463			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1004875500			
Layer:		1			
Plug From:		20.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004875499			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004875460			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004875469			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		20.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1004875470			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		20.0			
Depth To:		60.0			
Casing Diameter:		5.875			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004875471			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method Desc:					
Pump Test ID:		1004875461			
Pump Set At:		60.0			
Static Level:		21.100000381469727			
Final Level After Pumping:		23.899999618530273			
Recommended Pump Depth:		50.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		20.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875482			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		22.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875491			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875473			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875477			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875481			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875486			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		23.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875487			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875496			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		23.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875483			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875488			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		23.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875489			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875474			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875478			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		22.299999237060547			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875493			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875497			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875476			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		22.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875480			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		22.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875492			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		23.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875475			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875490			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		23.299999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test Detail ID:		1004875495			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875472			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		21.799999237060547			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875479			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875484			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		23.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875485			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		21.100000381469727			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004875494			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		23.700000762939453			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1004875468			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		22.0			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1004875466			
Diameter:		9.75			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1004875467			
Diameter:		5.875			
Depth From:		20.0			
Depth To:		60.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

14	1 of 1	SSE/72.2	110.2 / -1.39	ON	BORE
Borehole ID:	610523			Inclin FLG:	No
OGF ID:	215512037			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.2717
Total Depth m:	-999			Longitude DD:	-75.796376
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437531
Drill Method:				Northing:	5013442
Orig Ground Elev m:	108			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	110				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385809	Mat Consistency:	Firm
Top Depth:	4.3	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Bedrock	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 15100. BEDROCK. SEISMIC VELOCITY = 10000. SILT. GREY,FIRM.		
Geology Stratum ID:	218385808	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	4.3	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Unknown	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 1800.		

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div><div><div><div><div>Source Type:</div><div>Source Orig:</div><div>Source Date:</div><div>Confidence:</div><div>Observatio:</div><div>Source Name:</div><div>Source Details:</div><div>Confiden 1:</div></div><div><div>Data Survey</div><div>Geological Survey of Canada</div><div>1956-1972</div><div>L</div><div></div><div>Urban Geology Automated Information System (UGAIS)</div><div>File: OTTAWA1.txt RecordID: 03031 NTS_Sheet:</div><div>Gives some indication of sub-surface condition but material is unknown.</div></div></div><div><div><div>Source Appl:</div><div>Source Iden:</div><div>Scale or Res:</div><div>Horizontal:</div><div>Verticalda:</div></div><div><div>Spatial/Tabular</div><div>1</div><div>Varies</div><div>NAD27</div><div>Mean Average Sea Level</div></div></div></div></div>					
<div>Source List</div>					
<div><div><div><div><div>Source Identifier:</div><div>Source Type:</div><div>Source Date:</div><div>Scale or Resolution:</div><div>Source Name:</div><div>Source Originators:</div></div><div><div>1</div><div>Data Survey</div><div>1956-1972</div><div>Varies</div><div>Urban Geology Automated Information System (UGAIS)</div><div>Geological Survey of Canada</div></div></div><div><div><div>Horizontal Datum:</div><div>Vertical Datum:</div><div>Projection Name:</div></div><div><div>NAD27</div><div>Mean Average Sea Level</div><div>Universal Transverse Mercator</div></div></div></div></div>					
15	1 of 1	E/74.1	104.8 / -6.78	lot 22 con 4 ON	WWIS
<div><div><div><div><div>Well ID:</div><div>Construction Date:</div><div>Use 1st:</div><div>Use 2nd:</div><div>Final Well Status:</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:</div><div>Site Info:</div></div><div><div>1518834</div><div></div><div>Domestic</div><div>0</div><div>Water Supply</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div>NEPEAN TOWNSHIP</div></div></div><div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:</div><div>Date Received:</div><div>Selected Flag:</div><div>Abandonment Rec:</div><div>Contractor:</div><div>Form Version:</div><div>Owner:</div><div>County:</div><div>Lot:</div><div>Concession:</div><div>Concession Name:</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div><div><div></div><div></div><div></div><div>1</div><div>03/08/1984</div><div>TRUE</div><div></div><div>1558</div><div>1</div><div></div><div>OTTAWA-CARLETON</div><div>022</div><div>04</div><div>RF</div><div></div><div></div><div></div><div></div></div></div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518834.pdf			
<div>Additional Detail(s) (Map)</div>					
<div><div><div><div><div>Well Completed Date:</div><div>Year Completed:</div><div>Depth (m):</div><div>Latitude:</div><div>Longitude:</div><div>X:</div><div>Y:</div><div>Path:</div></div><div><div>11/07/1983</div><div>1983</div><div>30.48</div><div>45.2796292555276</div><div>-75.7939503985479</div><div>-75.79395023790083</div><div>45.27962924906079</div><div>151\1518834.pdf</div></div></div></div></div>					
<div>Bore Hole Information</div>					
<div><div><div><div><div>Bore Hole ID:</div><div>DP2BR:</div><div>Spatial Status:</div><div>Code OB:</div></div><div><div>10040704</div><div></div><div></div><div></div></div></div><div><div><div>Elevation:</div><div>Elevrc:</div><div>Zone:</div><div>East83:</div></div><div><div></div><div></div><div>18</div><div>437729.70</div></div></div></div></div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5014321.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		11/07/1983		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
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:		931039707			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931039706			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518834			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589274			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930071061			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		100.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071060			
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518834			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103307			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380565			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934650537					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934900074					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 50.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933475648					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 60.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933475649					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 92.0					
Water Found Depth UOM: ft					
16	1 of 1	S/83.1	117.2 / 5.66	DIBBLEE NEPEAN ON	AMIS
Site Access Code:				Prog Rehab Plan:	UNK
AMIS Distr Code:				Revegetation:	
Abandoned Mine ID: 07085				Veg Condition:	
Old MDI ID: SO4020				Veg Descr:	
New MDI ID: MDI31G05SW00020				Chemical Doc:	
Mine Status: ABANDONED				Jurisdiction:	A.R.A.
Mine Plan/Section: UNK				Lot No:	21
Site Class: C				Concession:	4
Clos Reason Code:				Zone:	18
Closure Plan: UNK				Northing:	5013690
Prim Commod Code:				Easting:	437335
Primary Commodity: LIMESTONE (BUILDING STONES)				Mine Closure Reaso:	UNKNOWN
Operational Access: NOT AVAILABLE				AMIS District:	TWEED
Date Entered:				District Desc:	TWEED
Date Last Modified: 11/19/2021 12:00:00 AM				Animal Desc:	
Effective Date:				Status Type Code:	
Start Year:				Long Name:	1018435050100
End Year:				NTS No:	031G05
Evid of Site Conta:				Latitude:	45.27391
Evid of Sulphide:				Longitude:	-75.7989
Evid Animals Pres:					
Hyper Link:					
Mine Features Desc:					
Progressive Rehabilitation Sta: NOT REHABILITATED					
AMIS Bkgd Info:		PAST PRODUCER; QUARRY LICENCE 0090; 19M DEEP; 26.3HA; LICENCED BY THE AGGREGATE RESOURCES ACT.; LOCATED AT QUARRY MARKING 2.5KM E. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE;			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alternate Name:		DIBBLEE			
17	1 of 1	S/89.1	114.3 / 2.70	ON	BORE
Borehole ID: 848529		Inclin FLG: No			
OGF ID: 215590150		SP Status: Initial Entry			
Status: Decommissioned		Surv Elev: No			
Type: Borehole		Piezometer: No			
Use: Geotechnical/Geological Investigation		Primary Name:			
Completion Date: 12-APR-1991		Municipality:			
Static Water Level:		Lot: LOT 21			
Primary Water Use:		Township: NEPEAN			
Sec. Water Use:		Latitude DD: 45.272152			
Total Depth m: 4.9		Longitude DD: -75.79745			
Depth Ref: Ground Surface		UTM Zone: 18			
Depth Elev:		Easting: 437447			
Drill Method: Hollow stem auger		Northing: 5013493			
Orig Ground Elev m: 112		Location Accuracy:			
Elev Reliabil Note:		Accuracy: Within 20 metres			
DEM Ground Elev m: 112					
Concession: CON 4					
Location D:					
Survey D:					
Comments:					
Borehole Geology Stratum					
Geology Stratum ID: 6561291		Mat Consistency:			
Top Depth: 0		Material Moisture:			
Bottom Depth: 4.9		Material Texture:			
Material Color: Grey-Brown		Non Geo Mat Type:			
Material 1: Fill		Geologic Formation:			
Material 2: Sand - Gravel		Geologic Group:			
Material 3: Limestone		Geologic Period:			
Material 4: Bedrock		Depositional Gen:			
Gsc Material Description:					
Stratum Description:		300 MM SAND AND GRAVEL (FILL), GREYISH BROWN, LIGHT TO DARK GREY, LIMESTONE, LIGHT TO DARK GREY. BEDROCK, GREENISH GREY, SILTY DOLOSTONE, GREENISH GREY, LIGHT TO DARK GREY, LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.			
18	1 of 1	NW/96.1	115.2 / 3.61	lot 24 con 4 ON	WWIS
Well ID: 1532255		Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st: Not Used		Data Entry Status:			
Use 2nd:		Data Src: 1			
Final Well Status: Test Hole		Date Received: 09/20/2001			
Water Type:		Selected Flag: TRUE			
Casing Material:		Abandonment Rec:			
Audit No: 234298		Contractor: 1119			
Tag:		Form Version: 1			
Constructn Method:		Owner:			
Elevation (m):		County: OTTAWA-CARLETON			
Elevatn Reliabilty:		Lot: 024			
Depth to Bedrock:		Concession: 04			
Well Depth:		Concession Name: CON			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality: NEPEAN TOWNSHIP					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532255.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		07/26/2001			
Year Completed:		2001			
Depth (m):		54.864			
Latitude:		45.2847340433547			
Longitude:		-75.8028288710701			
X:		-75.80282870938682			
Y:		45.284734036007166			
Path:		153\1532255.pdf			
Bore Hole Information					
Bore Hole ID:		10516705		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				437039.00	
Cluster Kind:				North83:	
Date Completed:		07/26/2001		5014895.00	
Remarks:				Org CS:	
Location Method Desc:				N83	
Elevrc Desc:				UTMRC:	
Location Source Date:				3	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 10 - 30 m	
Source Revision Comment:				Location Method:	
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		932832300			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
Overburden and Bedrock					
Materials Interval					
Formation ID:		932832299			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		81			
Material 2 Desc:		SANDY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:		26	ROCK		
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832301			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		104.0			
Formation End Depth:		180.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933219705			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961532255			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065275			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094441			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930094439			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930094440			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991532255			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		180.0			
Recommended Pump Depth:		180.0			
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:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399854			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917262			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116240			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660376			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008407			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		124.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934008408			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180.0			
Water Found Depth UOM:		ft			
19	1 of 2	SW/114.0	116.8 / 5.25	201 DIBBLE RD lot 22 con 4 NEPEAN ON	WWIS
Well ID:		7189269		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	10/09/2012
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z144701		Contractor:	1119
Tag:		A135345		Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7189269.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/27/2012			
Year Completed:		2012			
Depth (m):		152.4			
Latitude:		45.2765061965862			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.8016163894274			
X:		-75.8016162273959			
Y:		45.27650619032637			
Path:		718\7189269.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1004175164			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437125.00
Code OB Desc:				North83:	5013980.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	06/27/2012			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
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:	1004476270				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	380.0				
Formation End Depth:	500.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004476269				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	360.0				
Formation End Depth:	380.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004476267				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:		71			
Material 3 Desc:		FRACTURED			
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:		1004476268			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		360.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004476305			
Layer:		1			
Plug From:		40.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004476304			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004476265			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004476274			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		40.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1004476275			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		40.0			
Depth To:		500.0			
Casing Diameter:		5.9375			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004476276			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1004476266			
Pump Set At:		300.0			
Static Level:		14.0			
Final Level After Pumping:		119.5			
Recommended Pump Depth:		450.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		11			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476278			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		117.4000015258789			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476280			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		115.4000015258789			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476284			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		112.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476288			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		91.80000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476299			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		105.0999984741211			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476281			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		19.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476286			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		108.80000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476287			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		43.20000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476289			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1004476290			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476296			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		56.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476297			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		95.69999694824219			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476302			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		37.400001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476277			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		13.199999809265137			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476282			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		114.30000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476283			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		24.600000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476295			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		77.19999694824219			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476300			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		43.29999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476294			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		65.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476298			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		51.900001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476285			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		28.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476292			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		74.30000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476293			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		68.4000015258789			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476301			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		119.5			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476279			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		16.700000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004476291			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		59.900001525878906			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1004476273			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		380.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004476272			
Diameter:		5.9375			
Depth From:		40.0			
Depth To:		500.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1004476271			
Diameter:		8.875			
Depth From:		0.0			
Depth To:		40.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>19</u>	2 of 2	SW/114.0	116.8 / 5.25	201 DIBBIE RD lot 22 con 4 NEPEAN ON	WWIS
Well ID:	7321075			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	10/29/2018
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z276701			Contractor:	1119
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:			NEPEAN TOWNSHIP	Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7321075.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		09/18/2018			
Year Completed:		2018			
Depth (m):					
Latitude:		45.2765061965862			
Longitude:		-75.8016163894274			
X:		-75.8016162273959			
Y:		45.27650619032637			
Path:		732\7321075.pdf			
Bore Hole Information					
Bore Hole ID:		1007303288		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437125.00
Code OB Desc:				North83:	5013980.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	6
Date Completed:		09/18/2018		UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		1007579461			
Layer:					
Color:					
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
Annular Space/Abandonment					
Sealing Record					
Plug ID:		1007579467			
Layer:		1			
Plug From:		0.0			
Plug To:		4.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007579468			
Layer:		2			
Plug From:		4.0			
Plug To:		500.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007579466			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007579460			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007579464			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007579465			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1007579463			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: 1007579462 Diameter: Depth From: Depth To: Hole Depth UOM: ft Hole Diameter UOM: inch					
20	1 of 1	NW/116.9	115.2 / 3.61	Fallowfield Quarry ON	MNR
MDI No: MDI31G05SW00021 OGF ID: Deposit Status: Claim Map: Geological Dstrct: Southern Ontario Mining Division: Name: Fallowfield Quarry Primary Commodity: LIMESTONE (BUILDING STONE) Secondary Commod: Latitude: 45.284984 Longitude: -75.802982 Class Sub Type: Source Map: Detail: https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00021 All Names: Fallowfield Quarry Access Description: 2.75 km NE of Fallowfield.					
Twp Area: Nepean Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status: Past Producing Mine Without Reserves or Resources					
21	1 of 1	SSE/133.3	109.8 / -1.73	ON	BORE
Borehole ID: 848332 OGF ID: 215589962 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 15-MAY-1989 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 5.2 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 109 Elev Reliabil Note: DEM Ground Elev m: 109 Concession: CON 4 Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 20 Township: NEPEAN Latitude DD: 45.271004 Longitude DD: -75.795445 UTM Zone: 18 Easting: 437603 Northing: 5013364 Location Accuracy: Accuracy: Within 10 metres					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 6560681 Top Depth: 1.5 Bottom Depth: 2 Material Color: Material 1: Topsoil Material 2: Sand Material 3: Silt Material 4:					
Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6560680			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6560682			Mat Consistency:	Loose
Top Depth:	2			Material Moisture:	
Bottom Depth:	2.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILTY SAND LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	6560683			Mat Consistency:	Dense
Top Depth:	2.9			Material Moisture:	
Bottom Depth:	5.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:		HET MIXT OF SILT, SAND AND GRAVEL DENSE TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.			
22	1 of 1	SSE/141.3	109.9 / -1.62	ON	BORE
Borehole ID:	848550			Inclin FLG:	No
OGF ID:	215590171			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	30-AUG-1990			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.271007
Total Depth m:	5.2			Longitude DD:	-75.795063
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437633
Drill Method:	Hollow stem auger			Northing:	5013364
Orig Ground Elev m:	107			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	107				
Concession:	CON 4				
Location D:					
Survey D:					
Comments:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561353			Mat Consistency:	Very Dense
Top Depth:	0			Material Moisture:	
Bottom Depth:	5.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Boulders			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY GLACIAL TILL VERY DENSE BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				

23	1 of 1	NW/141.5	116.2 / 4.61	ON	BORE
Borehole ID:	610572			Inclin FLG:	No
OGF ID:	215512085			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	22.3			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.285697
Total Depth m:	-999			Longitude DD:	-75.802949
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437031
Drill Method:				Northing:	5015002
Orig Ground Elev m:	111			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	111				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385909			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	111			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE.				
Geology Stratum ID:	218385910			Mat Consistency:	
Top Depth:	111			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SANDSTONE. WATER STABLE AT 292.0 FEET.00. BEDROCK. SEISMIC VELOCITY = 14000. S **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 030800 NTS_Sheet: 31G05C				
Confiden 1:	Reliable information but incomplete.				
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
24	1 of 1	WSW/142.6	118.8 / 7.25	201 DIBBIE RD lot 22 con 4 NEPEAN ON	WWIS
Well ID:	7315283			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	07/27/2018
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z276931			Contractor:	1119
Tag:	A229118			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
<u>Additional Detail(s) (Map)</u>					
Bore Hole ID:	1007220131			Tag No:	A229118
Depth M:	54.864			Contractor:	1119
Year Completed:	2018			Latitude:	45.2772189925531
Well Completed Dt:	06/19/2018			Longitude:	-75.8026591382466
Audit No:	Z276931			Y:	45.277218985898074
Path:				X:	-75.8026589769993
<u>Bore Hole Information</u>					
Bore Hole ID:	1007220131			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437044.00
Code OB Desc:				North83:	5014060.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:		06/19/2018		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
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:		1007412267			
Layer:		1			
Color:					
General Color:					
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007412268			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		180.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007412305			
Layer:		1			
Plug From:		0.0			
Plug To:		40.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1007412304			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		1007412265			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007412274			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		40.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1007412275			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		40.0			
Depth To:		180.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007412276			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1007412266			
Pump Set At:		100.0			
Static Level:		8.100000381469727			
Final Level After Pumping:		27.75			
Recommended Pump Depth:		100.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		20.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412280			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412282			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412286			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412291			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		26.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412293			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		27.299999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412296			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412301			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		27.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412283			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:	4				
Test Level:	18.700000762939453				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412277				
Test Type:	Draw Down				
Test Duration:	1				
Test Level:	12.8999999618530273				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412288				
Test Type:	Recovery				
Test Duration:	10				
Test Level:	8.100000381469727				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412292				
Test Type:	Recovery				
Test Duration:	20				
Test Level:	8.100000381469727				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412294				
Test Type:	Recovery				
Test Duration:	25				
Test Level:	8.100000381469727				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412281				
Test Type:	Draw Down				
Test Duration:	3				
Test Level:	17.2999999237060547				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412299				
Test Type:	Draw Down				
Test Duration:	50				
Test Level:	27.8999999618530273				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007412279				
Test Type:	Draw Down				
Test Duration:	2				
Test Level:	15.5				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412295			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		27.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412284			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412289			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412297			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		27.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412278			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		16.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412290			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412300			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412285			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		19.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412287			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		23.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412298			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007412302			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		8.100000381469727			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1007412271			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		72.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1007412273			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		173.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1007412272			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		104.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007412269			
Diameter:		9.75			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0.0			
Depth To:		40.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007412270			
Diameter:		6.0			
Depth From:		40.0			
Depth To:		180.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[25](#)

1 of 1

SSE/142.6

111.0 / -0.53

ON

BORE

Borehole ID:	848330	Inclin FLG:	No
OGF ID:	215589960	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	15-MAY-1989	Municipality:	
Static Water Level:		Lot:	LOT 20
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.270911
Total Depth m:	2.3	Longitude DD:	-75.795967
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	437562
Drill Method:	Hollow stem auger	Northing:	5013354
Orig Ground Elev m:	111	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	110		
Concession:	CON 4		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560673	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	1.2	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Gravel	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	6560674	Mat Consistency:	Very Dense
Top Depth:	1.2	Material Moisture:	
Bottom Depth:	2.3	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Till	Geologic Formation:	
Material 2:	Silt - Sand - Gravel	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE GALCIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	SSE/146.7	109.8 / -1.73	ON	BORE
<div> <div> Borehole ID: 848333 OGF ID: 215589963 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 12-MAY-1989 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 8 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 109 Elev Reliabil Note: DEM Ground Elev m: 109 Concession: CON 4 Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 20 Township: NEPEAN Latitude DD: 45.270888 Longitude DD: -75.795393 UTM Zone: 18 Easting: 437607 Northing: 5013351 Location Accuracy: Accuracy: Within 10 metres </div> </div>					
<u>Borehole Geology Stratum</u>					
<div> <div> Geology Stratum ID: 6560684 Top Depth: 0 Bottom Depth: 1.4 Material Color: Brown Material 1: Fill Material 2: Sand Material 3: Gravel Material 4: Gsc Material Description: Stratum Description: SAND AND GRAVEL BROWN FILL </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div> <p>**Note: Many records provided by the department have a truncated [Stratum Description] field.</p>					
<div> <div> Geology Stratum ID: 6560685 Top Depth: 0 Bottom Depth: 2.1 Material Color: Material 1: Topsoil Material 2: sand silt Material 3: Gravel Material 4: Organic Gsc Material Description: Stratum Description: SILTY SAND WITH GRAVEL TRACE ORGANICS TOPSOIL </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div> <p>**Note: Many records provided by the department have a truncated [Stratum Description] field.</p>					
<div> <div> Geology Stratum ID: 6560688 Top Depth: 6.5 Bottom Depth: 8 Material Color: Material 1: Bedrock Material 2: Limestone Material 3: Shale Material 4: Gsc Material Description: Stratum Description: LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS SOUND </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div> <p>**Note: Many records provided by the department have a truncated [Stratum Description] field.</p>					
<div> <div> Geology Stratum ID: 6560686 Top Depth: 2.1 </div> <div> Mat Consistency: Compact Material Moisture: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	4.4 Till Silt - Sand - Gravel 			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: glacial HET MIXT OF SILT, SAND AND GRAVEL COMPACT TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6560687 4.4 6.5 Till Boulders Sand Gravel 			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: glacial BOULDERS WITH SAND AND GRAVEL GLACIAL TILL SAND SEAM **Note: Many records provided by the department have a truncated [Stratum Description] field.	

27	1 of 1	NW/148.0	116.2 / 4.61	FALLOWFIELD QUARRY	AMIS
NEPEAN ON					
Site Access Code: AMIS Distr Code: Abandoned Mine ID: Old MDI ID: New MDI ID: Mine Status: Mine Plan/Section: Site Class: Clos Reason Code: Closure Plan: Prim Commod Code: Primary Commodity: Operational Access: Date Entered: Date Last Modified: Effective Date: Start Year: End Year: Evid of Site Conta: Evid of Sulphide: Evid Animals Pres: Hyper Link: Mine Features Desc: Progressive Rehabilitation Sta: AMIS Bkgnd Info: Alternate Name:	07083 SO4021 MDI31G05SW00021 ABANDONED UNK C UNK LIMESTONE (BUILDING STONES) NOT AVAILABLE 11/19/2021 12:00:00 AM NOT REHABILITATED PAST PRODUCER; QUARRY NOT LICENCED (JUNE'92); DESIGNATED TWP. AGGREGATE RESOURCES ACT.; LOCATED AT POINT 2.75KM NE. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE; FALLOWFIELD QUARRY			Prog Rehab Plan: UNK Revegetation: Veg Condition: Veg Descr: Chemical Doc: Jurisdiction: A.R.A. Lot No: 24 Concession: 4 Zone: 18 Northing: 5014782 Easting: 436961 Mine Closure Reaso: UNKNOWN AMIS District: TWEED District Desc: TWEED Animal Desc: Status Type Code: Long Name: 1018435050100 NTS No: 031G05 Latitude: 45.28538 Longitude: -75.8032	

28	1 of 1	SSE/149.3	111.0 / -0.53	Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON	SPL
Ref No: Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	1-1KOL37 1/28/2022 9:03:00 AM 1/28/2022 9:40:57 AM 1/31/2022 10:20:05 AM			Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 0 No Impact Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Ottawa District Office Nearest Watercourse: Site Name: Site Address: Hwy 416 and Fallowfield Road, Ottawa Site Region: Site Municipality: OTTAWA Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Rollover Environment Impact: 1 Minor Impact Nature of Impact: Contaminant Qty: 30 litre (L) System Facility Address: Client Name: Client Type: Source Type: Truck - Tanker Contaminant Code: Contaminant Name: DIESEL FUEL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Incident Reason: Unknown Incident Summary: McEwen Fuels: Diesel tanker rollover on Hwy 416, 30L diesel spill Activity Preceding Spill: Transportation Property 2nd Watershed: Lower Ottawa;Central Ottawa Property Tertiary Watershed: 02LA-Rideau;02KF-Central Ottawa - Mississippi Sector Type: PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004341230"],"wkts":["POINT (-75.8054041753 45.2863490993)"],"creation_date":"2022-01-28"}					

29	1 of 1	E/150.8	109.9 / -1.69	ON	BORE
Borehole ID: 610550 OGF ID: 215512063 Status: Type: Borehole Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 106 Elev Reliabil Note: DEM Ground Elev m: 108 Concession: Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.279646 Longitude DD: -75.792918 UTM Zone: 18 Easting: 437811 Northing: 5014322 Location Accuracy: Accuracy: Not Applicable					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385864			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
<hr/>					
Geology Stratum ID:	218385865			Mat Consistency:	
Top Depth:	7			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. 00123STONE,SAND. 00064ISMIC VELOCITY = 4750. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<hr/>					
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Ident:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 030580 NTS_Sheet: 31G05C				
Confiden 1:	Reliable information but incomplete.				
<hr/>					
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
<hr/>					
30	1 of 1	SSE/150.8	110.0 / -1.61	ON	BORE
Borehole ID:	848335			Inclin FLG:	No
OGF ID:	215589965			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	12-MAY-1989			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.271009
Total Depth m:	4.6			Longitude DD:	-75.794782
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437655
Drill Method:	Hollow stem auger			Northing:	5013364

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	107	CON 4		Location Accuracy: Accuracy: Within 10 metres	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6560693 1.6 2.1 Topsoil Sand Silt Silty sand topsoil			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6560694 2.1 2.9 Silt Clay Sand Clayey silt with sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					CLAYEY SILT WITH SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6560695 2.9 4.6 Till Silt - Sand - Gravel HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE SILTY SAND GLACIAL TILL			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Very Dense glacial
					**Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	6560692 0 1.6 Brown Fill Sand Gravel SAND AND GRAVEL BROWN FILL			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					**Note: Many records provided by the department have a truncated [Stratum Description] field.
31	1 of 1	SSE/151.1	112.2 / 0.61	PRIVATE OWNER HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON	SPL
Ref No:	117316			Municipality No:	20104

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Year:				Nature of Damage:	
Incident Dt:	8/17/1995			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	8/17/1995			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	FD, WORKS, MOEE
Site No:					
MOE Response:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:					
Site Address:					
Site Region:					
Site Municipality:		NEPEAN CITY			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northings:					
Easting:					
Incident Cause:		OTHER TRANSPORTATION ACCIDENT			
Incident Event:					
Environment Impact:		POSSIBLE			
Nature of Impact:					
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:		LAND			
Incident Reason:		ERROR			
Incident Summary:		GARBAGE TRUCK INVOLVED IN A MVA, DIESEL FUEL & CRANKCASE OIL TO C/B.			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:					
SAC Action Class:					
Call Report Locatn Geodata:					

32	1 of 1	SSE/152.6	111.1 / -0.51	ON	BORE
<hr/>					
Borehole ID:	848331			Inclin FLG:	No
OGF ID:	215589961			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	12-MAY-1989			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270813
Total Depth m:	8			Longitude DD:	-75.795825
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437573
Drill Method:	Hollow stem auger			Northings:	5013343
Orig Ground Elev m:	111			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	110				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession: Location D: Survey D: Comments:		CON 4			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6560679			Mat Consistency:	
Top Depth:	5			Material Moisture:	
Bottom Depth:	8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS FRAGMENTED SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560676			Mat Consistency:	
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560677			Mat Consistency:	Compact
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	2.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT, SAND AND GRAVEL COMPACT TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560678			Mat Consistency:	
Top Depth:	2.6			Material Moisture:	
Bottom Depth:	5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	BOULDERS WITH SAND AND GRAVEL GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560675			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description] field.					
33	1 of 1	SSE/153.2	109.8 / -1.73	ON	BORE
<div> <div> Borehole ID: 848549 OGF ID: 215590170 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 30-AUG-1990 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 6.8 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 106 Elev Reliabil Note: DEM Ground Elev m: 109 Concession: CON 4 Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 20 Township: NEPEAN Latitude DD: 45.270834 Longitude DD: -75.795354 UTM Zone: 18 Easting: 437610 Northing: 5013345 Location Accuracy: Accuracy: Within 10 metres </div> </div>					
Borehole Geology Stratum					
<div> <div> Geology Stratum ID: 6561352 Top Depth: 0 Bottom Depth: 6.8 Material Color: Brown-Grey Material 1: Till Material 2: Silt - Sand - Gravel Material 3: Clay Material 4: Boulders Gsc Material Description: Stratum Description: HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY CLACIAL TILL VERY DENSE BROWN GREY BROWN GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> Mat Consistency: Very Dense Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
34	1 of 1	SSE/154.4	113.0 / 1.48	ON	BORE
<div> <div> Borehole ID: 848547 OGF ID: 215590168 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 30-AUG-1990 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 7.6 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 110 Elev Reliabil Note: DEM Ground Elev m: 111 Concession: CON 4 Location D: Survey D: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 20 Township: NEPEAN Latitude DD: 45.270881 Longitude DD: -75.796425 UTM Zone: 18 Easting: 437526 Northing: 5013351 Location Accuracy: Accuracy: Within 10 metres </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561350			Mat Consistency:	
Top Depth:	6			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	DOLOSTONE BEDROCK UNWEATHERED TO SLIGHTLY UNWEATHERED **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561349			Mat Consistency:	Very Dense
Top Depth:	0			Material Moisture:	
Bottom Depth:	6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Boulders			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT SAND AND GRAVEL TRACE OF CLAY GLACIAL TILL VERY DENSE GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				

<u>35</u>	1 of 1	SSE/156.5	111.1 / -0.51	ON	BORE
Borehole ID:	848548			Inclin FLG:	No
OGF ID:	215590169			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	30-AUG-1990			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270777
Total Depth m:	7.6			Longitude DD:	-75.795799
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437575
Drill Method:	Hollow stem auger			Northing:	5013339
Orig Ground Elev m:	109			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	110				
Concession:	CON 4				
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561351			Mat Consistency:	Very Dense
Top Depth:	0			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:	Grey-Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Boulders			Depositional Gen:	
Gsc Material Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description:		HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY CLACIAL TILL VERY DENSE BROWN GREY BROWN GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.			
36	1 of 1	SSE/156.9	112.2 / 0.61	ON	BORE
Borehole ID:	848328			Inclin FLG:	No
OGF ID:	215589958			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	15-MAY-1989			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270845
Total Depth m:	7.1			Longitude DD:	-75.796374
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437530
Drill Method:	Hollow stem auger			Northing:	5013347
Orig Ground Elev m:	112			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	111				
Concession:	CON 4				
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6560668			Mat Consistency:	
Top Depth:	4			Material Moisture:	
Bottom Depth:	5.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	BOULDERS WITH SAND AND GRAVEL GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560669			Mat Consistency:	
Top Depth:	5.2			Material Moisture:	
Bottom Depth:	7.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560665			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description] field.					
Geology Stratum ID:	6560667			Mat Consistency:	Compact
Top Depth:	2			Material Moisture:	
Bottom Depth:	4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT SAND AND GRAVEL BROWN COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560666			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Organic			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ORGANIC SILTY CLAY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
37	1 of 1	WNW/159.2	117.1 / 5.57	lot 24 con 4 ON	WWIS
Well ID:	1506105			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Industrial			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/14/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506105.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	01/06/1966				
Year Completed:	1966				
Depth (m):	21.336				
Latitude:	45.2832554366769				
Longitude:	-75.8044439533989				
X:	-75.80444379182343				
Y:	45.283255430390305				
Path:	150\1506105.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10028148			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436910.70
Code OB Desc:				North83:	5014732.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	01/06/1966			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
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:	931003800				
Layer:	1				
Color:					
General Color:					
Material 1:	01				
Material 1 Desc:	FILL				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	10.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003801				
Layer:	2				
Color:					
General Color:					
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	10.0				
Formation End Depth:	70.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506105				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pipe ID:		10576718			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930049044			
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			
 <u>Construction Record - Casing</u>					
Casing ID:		930049043			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		13.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506105			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
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			
 <u>Water Details</u>					
Water ID:		933460188			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		20.0			
Water Found Depth UOM:		ft			
<hr/>					
38	1 of 1	SSE/170.3	112.9 / 1.34	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	848329			Inclin FLG:	No
OGF ID:	215589959			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	16-MAY-1989			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.27071
Total Depth m:	3.2			Longitude DD:	-75.796334
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437533
Drill Method:	Hollow stem auger			Northing:	5013332
Orig Ground Elev m:	112			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	111				
Concession:		CON 4			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6560670			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560671			Mat Consistency:	
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560672			Mat Consistency:	Very Dense
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	3.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT SAND AND GRAVEL BROWN VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				

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1 of 1

SSE/170.4

113.7 / 2.14

ON

BORE

Borehole ID:	848334	Inclin FLG:	No
OGF ID:	215589964	SP Status:	Initial Entry

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div><div><div><div><div>Use:</div><div>Completion Date:</div><div>Static Water Level:</div><div>Primary Water Use:</div><div>Sec. Water Use:</div><div>Total Depth m:</div><div>Depth Ref:</div><div>Depth Elev:</div><div>Drill Method:</div><div>Orig Ground Elev m:</div><div>Elev Reliabil Note:</div><div>DEM Ground Elev m:</div><div>Concession:</div><div>Location D:</div><div>Survey D:</div><div>Comments:</div></div><div><div>Geotechnical/Geological Investigation</div><div>30-AUG-1990</div><div>5</div><div>Ground Surface</div><div>Hollow stem auger</div><div>111</div><div>112</div><div>CON 4</div></div></div><div><div><div>Primary Name:</div><div>Municipality:</div><div>Lot:</div><div>Township:</div><div>Latitude DD:</div><div>Longitude DD:</div><div>UTM Zone:</div><div>Easting:</div><div>Northing:</div><div>Location Accuracy:</div><div>Accuracy:</div></div><div><div>LOT 20</div><div>NEPEAN</div><div>45.270717</div><div>-75.79664</div><div>18</div><div>437509</div><div>5013333</div><div>Within 10 metres</div></div></div></div></div> <div><div><div><div><div><div><u>Borehole Geology Stratum</u></div></div></div><div><div><div>Geology Stratum ID:</div><div>Top Depth:</div><div>Bottom Depth:</div><div>Material Color:</div><div>Material 1:</div><div>Material 2:</div><div>Material 3:</div><div>Material 4:</div><div>Gsc Material Description:</div><div>Stratum Description:</div></div><div><div>6561354</div><div>0</div><div>5</div><div></div><div>Till</div><div>Silt - Sand - Gravel</div><div>Boulders</div><div></div><div>HET MIXT OF SILT SAND AND GRAVEL GLACIAL TILL COMPACT TO VERY DENSE BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.</div></div></div></div></div></div> <div><div><div><div><div><div>41</div><div>1 of 1</div><div>W/180.3</div><div>117.9 / 6.31</div><div>985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON</div><div>WWIS</div></div></div></div></div><div><div><div><div><div>Well ID:</div><div>Construction Date:</div><div>Use 1st:</div><div>Use 2nd:</div><div>Final Well Status:</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:</div><div>Site Info:</div></div><div><div>7181163</div><div>Domestic</div><div>Water Supply</div><div></div><div>Z128540</div><div>A127976</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><d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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.8058280734824			
X:		-75.8058279113037			
Y:		45.28041920536889			
Path:		718\7181163.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1003789306			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436799.00
Code OB Desc:				North83:	5014418.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	04/24/2012			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
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:	1004313927				
Layer:	6				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	112.0				
Formation End Depth:	120.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004313923				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	3.0				
Formation End Depth:	16.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004313922				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Material 1:		26			
Material 1 Desc:		ROCK			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004313924			
Layer:		3			
Color:					
General Color:					
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004313926			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		109.0			
Formation End Depth:		112.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004313925			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		109.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004313962			
Layer:		1			
Plug From:		38.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004313961			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004313920			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004313931			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1004313932			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		38.0			
Depth To:		120.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004313933			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1004313921			
Pump Set At:		100.0			
Static Level:		16.41699981689453			
Final Level After Pumping:		86.58300018310547			
Recommended Pump Depth:		100.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		8.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313948			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		72.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313959			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313944			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		60.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313947			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		18.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313949			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		16.41699981689453			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313950			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		77.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313951			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313958			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		86.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313946			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		66.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313941			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		48.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313945			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		29.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313943			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		45.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313954			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		40			
Test Level:		81.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313957			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313934			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		25.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313953			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313935			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		66.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313936			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		30.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313937			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		60.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313938			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		35.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313939			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		55.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313940			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		39.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313942			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		43.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313952			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		78.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313955			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313956			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		83.25			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1004313930			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		112.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water ID:		1004313929			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		109.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004313928			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		120.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
42	1 of 1	NW/196.4	118.0 / 6.39	lot 24 con 4 ON	WWIS
Well ID:	1506102			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Industrial			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/17/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506102.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	02/03/1964				
Year Completed:	1964				
Depth (m):	44.196				
Latitude:	45.2857814360723				
Longitude:	-75.8036508126606				
X:	-75.80365065134143				
Y:	45.285781429337504				
Path:	150\1506102.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10028145			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436975.70
Code OB Desc:				North83:	5015012.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:		02/03/1964		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
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:		931003795			
Layer:		2			
Color:					
General Color:					
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		145.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003794			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961506102			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576715			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049037			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		145.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930049036			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506102			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		140.0			
Recommended Pump Depth:		130.0			
Pumping Rate:		17.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
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			
 <u>Water Details</u>					
Water ID:		933460185			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			

43	1 of 1	N/196.7	113.9 / 2.31	lot 24 con 4 ON	WWIS
<hr/>					
Well ID:	1532254			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	09/20/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	234297			Contractor:	1119
Tag:				Form Version:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 024 04 RF
		NEPEAN TOWNSHIP			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532254.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:		07/26/2001 2001 42.672 45.286114461383 -75.7985217512161 -75.79852158984357 45.2861144540412 153\1532254.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10516704 07/26/2001 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 437378.30 5015045.00 9 unknown UTM lot
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		932832298 2 2 GREY 15 LIMESTONE 4.0 140.0 ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932832297			
Layer:		1			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219704			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532254			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065274			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094436			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930094437			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094438			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991532254			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		120.0			
Pumping Rate:		15.0			
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:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660375			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116239			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399853			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917261			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		60			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008406			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		134.0			
Water Found Depth UOM:		ft			
44	1 of 1	N/198.0	112.6 / 1.02	lot 24 con 4 ON	WWIS
Well ID:		1530498		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Livestock		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Observation Wells		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:		194829		Contractor:	
Tag:				Form Version:	
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:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530498.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/14/1999			
Year Completed:		1999			
Depth (m):		60.96			
Latitude:		45.2861056123322			
Longitude:		-75.7984999494671			
X:		-75.7984997877396			
Y:		45.286105605061366			
Path:		153\1530498.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10052033		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		04/14/1999		UTMRC Desc:	
Remarks:				Location Method:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Method Desc:		Lot centroid			
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:		931075695			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931075697			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		9.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931075696			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		91			
Material 3 Desc:		WATER-BEARING			
Formation Top Depth:		6.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931075698			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		165.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931075699			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		90			
Material 2 Desc:		VERY			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		165.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933115647			
Layer:		1			
Plug From:		20.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961530498			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10600603			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930090753			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930090754			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530498			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		301.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385066			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934118890			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934663029			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		16.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934902199			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933490661			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		189.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933490660			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		129.0			
Water Found Depth UOM:		ft			
45	1 of 3	ESE/198.9	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:	1524757			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:	09/17/1990
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	80322			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1524757.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	07/25/1990				
Year Completed:	1990				
Depth (m):	25.908				
Latitude:	45.2757246969349				
Longitude:	-75.7923532930744				
X:	-75.79235313210079				
Y:	45.275724690158015				
Path:	152\1524757.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10046505			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437850.70
Code OB Desc:				North83:	5013886.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	07/25/1990			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	931058977				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	01				
Material 2 Desc:	FILL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	3.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931058981				
Layer:	5				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	79				
Material 3 Desc:	PACKED				
Formation Top Depth:	80.0				
Formation End Depth:	85.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931058980				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	14				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Material 1 Desc:		HARDPAN			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		53.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931058979			
Layer:		3			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931058978			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961524757			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10595075			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930081415			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		82.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930081416			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991524757			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		25.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385353			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934109944			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903508			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934654714				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	50.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933483499				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	83.0				
Water Found Depth UOM:	ft				
45	2 of 3	ESE/198.9	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:	1525470		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: 07/26/1991		
Water Type:			Selected Flag: TRUE		
Casing Material:			Abandonment Rec:		
Audit No:	101331		Contractor: 1558		
Tag:			Form Version: 1		
Constructn Method:			Owner:		
Elevation (m):			County: OTTAWA-CARLETON		
Elevatn Reliabilty:			Lot: 021		
Depth to Bedrock:			Concession: 04		
Well Depth:			Concession Name:		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525470.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/19/1991				
Year Completed:	1991				
Depth (m):	56.388				
Latitude:	45.2757246969349				
Longitude:	-75.7923532930744				
X:	-75.79235313210079				
Y:	45.275724690158015				
Path:	152\1525470.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10047208		Elevation:		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 18		
Code OB:			East83: 437850.70		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	06/19/1991	Lot centroid		North83: Org CS: UTMRC: UTMRC Desc: Location Method:	5013886.00 9 unknown UTM lot
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931061252 2 2 GREY 05 CLAY 13 BOULDERS 81 SANDY 18.0 46.0 ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931061253 3 2 GREY 15 LIMESTONE 18 SANDSTONE 74 LAYERED 46.0 185.0 ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931061251 1 6 BROWN 05 CLAY 13 BOULDERS 0.0 18.0 ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961525470			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10595778			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930082655			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930082656			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		185.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991525470			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 933484475					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 55.0					
Water Found Depth UOM: ft					
Water Details					
Water ID: 933484476					
Layer: 2					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 179.0					
Water Found Depth UOM: ft					
45	3 of 3	ESE/198.9	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID: 1528797					
Construction Date:					
Use 1st: Municipal					
Use 2nd:					
Final Well Status: Test Hole					
Water Type:					
Casing Material:					
Audit No: 167011					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality: NEPEAN TOWNSHIP					
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 11/30/1995					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 1558					
Form Version: 1					
Owner:					
County: OTTAWA-CARLETON					
Lot: 021					
Concession: 04					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528797.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 11/17/1995					
Year Completed: 1995					
Depth (m): 52.7304					
Latitude: 45.2757246969349					
Longitude: -75.7923532930744					
X: -75.79235313210079					
Y: 45.275724690158015					
Path: 152\1528797.pdf					
Bore Hole Information					
Bore Hole ID: 10050333					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Elevation:					
Elevrc:					
Zone: 18					
East83: 437850.70					
North83: 5013886.00					
Org CS:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	9
Date Completed:	11/17/1995			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		931070824			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		74			
Material 2 Desc:		LAYERED			
Material 3:		71			
Material 3 Desc:		FRACTURED			
Formation Top Depth:		106.0			
Formation End Depth:		173.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931070823			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:		85			
Material 3 Desc:		SOFT			
Formation Top Depth:		13.0			
Formation End Depth:		106.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931070822			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:		91			
Material 2 Desc:		WATER-BEARING			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931070821			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:		68			
Material 3 Desc:		DRY			
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961528797			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598903			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930087953			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		14.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930087954			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		173.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991528797			
Pump Set At:					
Static Level:		8.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Level After Pumping:		170.0			
Recommended Pump Depth:		160.0			
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			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649415			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		170.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934105272			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		170.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934907017			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		170.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934388898			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		170.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933488635			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		14.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933488637			
Layer:		3			
Kind Code:		5			
Kind:		Not stated			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		148.0			
Water Found Depth UOM:		ft			
Water Details					
Water ID:		933488636			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		108.0			
Water Found Depth UOM:		ft			

46	1 of 5	ESE/199.2	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:		1530347		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Livestock		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Observation Wells		Date Received:	12/08/1998
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		194765		Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153/1530347.pdf			

Additional Detail(s) (Map)

Well Completed Date: 10/20/1998
 Year Completed: 1998
 Depth (m): 91.44
 Latitude: 45.2757247500003
 Longitude: -75.7923456442944
 X: -75.79234548294869
 Y: 45.2757247432575
 Path: 153\1530347.pdf

Bore Hole Information

Bore Hole ID:	10051882	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437851.30
Code OB Desc:		North83:	5013886.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/20/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		931075215			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		278.0			
Formation End Depth:		300.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075214			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		200.0			
Formation End Depth:		278.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075213			
Layer:		1			
Color:					
General Color:					
Material 1:		00			
Material 1 Desc:		UNKNOWN TYPE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961530347			
Method Construction Code:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600452			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930090441			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		300.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530347			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		300.0			
Recommended Pump Depth:		279.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934662479			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		54.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934118341			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		217.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934393329			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.2757247500003			
Longitude:		-75.7923456442944			
X:		-75.79234548294869			
Y:		45.2757247432575			
Path:		153\1530351.pdf			

Bore Hole Information

Bore Hole ID:	10051886	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437851.30
Code OB Desc:		North83:	5013886.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/07/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931075225
Layer:	5
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	89.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931075222
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931075221			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		01			
Material 3 Desc:		FILL			
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:		931075224			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		58.0			
Formation End Depth:		89.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075223			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		933115489			
Layer:		1			
Plug From:		0.0			
Plug To:		65.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961530351			
Method Construction Code:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600456			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930090444			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		95.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530351			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		45.0			
Pumping Rate:		49.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934911025			
Test Type:					
Test Duration:		60			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934662481			
Test Type:					
Test Duration:		45			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934118343			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:					
Test Duration:		15			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934393331			
Test Type:					
Test Duration:		30			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933490444			
Layer:		1			
Kind Code:		7			
Kind:		IRON			
Water Found Depth:		95.0			
Water Found Depth UOM:		ft			
46	3 of 5	ESE/199.2	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:		1523369		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Water Supply		Date Received:	04/06/1989
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		50688		Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523369.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		02/22/1989			
Year Completed:		1989			
Depth (m):		45.72			
Latitude:		45.2757247500003			
Longitude:		-75.7923456442944			
X:		-75.79234548294869			
Y:		45.2757247432575			
Path:		152\1523369.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10045144		Elevation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437851.30
Code OB Desc:				North83:	5013886.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	02/22/1989			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	931054388				
Layer:	2				
Color:	1				
General Color:	WHITE				
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:	74				
Material 2 Desc:	LAYERED				
Material 3:	73				
Material 3 Desc:	HARD				
Formation Top Depth:	6.0				
Formation End Depth:	150.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931054387				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	01				
Material 2 Desc:	FILL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	6.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961523369				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10593714				
Casing No:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930078979			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930078980			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991523369			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		100.0			
Recommended Pump Depth:		125.0			
Pumping Rate:		12.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934389128			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934907314			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		100.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934104899				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	100.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934649691				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	100.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933481603				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	142.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933481602				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	50.0				
Water Found Depth UOM:	ft				
46	4 of 5	ESE/199.2	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:	1525234			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	Cooling And A/C			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/28/1991
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	89515			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525234.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/15/1990			
Year Completed:		1990			
Depth (m):		26.2128			
Latitude:		45.2757247500003			
Longitude:		-75.7923456442944			
X:		-75.79234548294869			
Y:		45.2757247432575			
Path:		152\1525234.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10046975			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437851.30
Code OB Desc:				North83:	5013886.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/15/1990			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		931060543			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060541			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931060542			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931060544			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		75.0			
Formation End Depth:		86.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961525234			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10595545			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930082255			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930082256			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		86.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991525234			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934111650			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934656409			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934905198			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387054			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933484148			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			
46	5 of 5	ESE/199.2	103.0 / -8.54	lot 21 con 4 ON	WWIS
Well ID:		1526002		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Irrigation		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Water Supply		Date Received:	01/13/1992
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		100192		Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1526002.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/17/1991			
Year Completed:		1991			
Depth (m):		62.484			
Latitude:		45.2757247500003			
Longitude:		-75.7923456442944			
X:		-75.79234548294869			
Y:		45.2757247432575			
Path:		152\1526002.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10047737		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437851.30
Code OB Desc:				North83:	5013886.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		10/17/1991		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		931062924			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		11.0			
Formation End Depth:		167.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931062925			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		167.0			
Formation End Depth:		205.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931062923			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961526002			
Method Construction Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10596307				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930083588				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	205.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930083587				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	22.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991526002				
Pump Set At:					
Static Level:	20.0				
Final Level After Pumping:	75.0				
Recommended Pump Depth:	100.0				
Pumping Rate:	20.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934650352				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	75.0				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106195			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934907549			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934389829			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933485172			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		184.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933485173			
Layer:		3			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		202.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933485171			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		125.0			
Water Found Depth UOM:		ft			
<u>47</u>	1 of 2	ESE/199.3	103.0 / -8.54	SSSS Dilawri Holdings Inc. Part of Part 2, 4, and 5 of Reference Plan 4R27752 Ottawa ON K2E 1A5	ECA
Approval No:	3182-AEHN2N			MOE District:	Ottawa
Approval Date:	2016-10-18			City:	
Status:	Approved			Longitude:	-75.7924
Record Type:	ECA			Latitude:	45.2757

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: SSSS Dilawri Holdings Inc. Address: Part of Part 2, 4, and 5 of Reference Plan 4R27752 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3132-A7HQC6-14.pdf PDF Site Location:					
47	2 of 2	ESE/199.3	103.0 / -8.54	1702764 Ontario Limited Part of Ottawa ON K2E 1A6	ECA
Approval No: 7492-AEAGYW Approval Date: 2016-10-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: 1702764 Ontario Limited Address: Part of Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3567-A7HQPE-14.pdf PDF Site Location:					
48	1 of 1	N/199.6	112.6 / 1.02	lot 24 con 4 ON	WWIS
Well ID: 1522454 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 32848 Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522454.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 05/09/1988 Year Completed: 1988 Depth (m): 45.72 Latitude: 45.2861057638759 Longitude: -75.7984782740038					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
X:		-75.7984781	1229727		
Y:		45.286105757378415			
Path:		152\1522454.pdf			

Bore Hole Information

Bore Hole ID:	10044266	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437381.70
Code OB Desc:		North83:	5015044.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/09/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931051490
Layer:	2
Color:	1
General Color:	WHITE
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	90
Material 3 Desc:	VERY
Formation Top Depth:	4.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931051489
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	12
Material 2 Desc:	STONES
Material 3:	81
Material 3 Desc:	SANDY
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961522454
Method Construction Code:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10592836				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930077426				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	21.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930077429				
Layer:	4				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	150.0				
Casing Diameter:	5.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930077428				
Layer:	3				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:	125.0				
Casing Diameter:	5.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930077427				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	75.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test ID:		991522454			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		100.0			
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:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385243			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110377			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934655608			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934904013			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933480353			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933480354			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		145.0			
Water Found Depth UOM:		ft			
49	1 of 5	SSW/203.9	120.9 / 9.31	Motor Works Private Nepean ON K2R 1J2	EHS
Order No:		21060900125	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		21-JUN-21	Search Radius (km):		
Date Received:		09-JUN-21	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
49	2 of 5	SSW/203.9	120.9 / 9.31	Motor Works Private Nepean ON K2R 1J2	EHS
Order No:		21060900125	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		21-JUN-21	Search Radius (km):		
Date Received:		09-JUN-21	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
49	3 of 5	SSW/203.9	120.9 / 9.31	Motor Works Private Nepean ON K2R 1J2	EHS
Order No:		21060900125	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		21-JUN-21	Search Radius (km):		
Date Received:		09-JUN-21	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
49	4 of 5	SSW/203.9	120.9 / 9.31	Motor Works Private Nepean ON K2R 1J2	EHS
Order No:		21060900125	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		21-JUN-21	Search Radius (km):		
Date Received:		09-JUN-21	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
49	5 of 5	SSW/203.9	120.9 / 9.31	Motor Works Private Nepean ON K2R 1J2	EHS
Order No:		21060900125	Nearest Intersection:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Custom Report Report Date: 21-JUN-21 Date Received: 09-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos					
Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.80056097 Y: 45.27373867					
50	1 of 6	SW/209.9	118.8 / 7.26	201 Dibblee Rd Ottawa ON	EHS
Order No: 20050513015 Status: C Report Type: Report Date: 5/24/2005 Date Received: 5/13/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.802531 Y: 45.273772					
50	2 of 6	SW/209.9	118.8 / 7.26	HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE 201 Dibblee RD Ottawa ON K2R 1J2	EASR
Approval No: R-006-5110651725 Status: REGISTERED Date: 2018-10-29 Record Type: EASR Link Source: MOFA Project Type: Solar Facility Full Address: Approval Type: EASR-Solar Facility SWP Area Name: Rideau Valley PDF URL: PDF Site Location:					
MOE District: Ottawa Municipality: Ottawa Latitude: 45.27361111 Longitude: -75.8025 Geometry X: Geometry Y:					
50	3 of 6	SW/209.9	118.8 / 7.26	Hydro Ottawa Limited/ Hydro Ottawa Limitee 201 Dibblee Rd Ottawa ON K1G 3S4	ECA
Approval No: 2258-B2LS3Q Approval Date: 2018-12-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Hydro Ottawa Limited/ Hydro Ottawa Limitée Address: 201 Dibblee Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8564-AYKQJU-13.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
50	4 of 6	SW/209.9	118.8 / 7.26	Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON5031759 SIC Code: SIC Description: Approval Years: As of Jul 2020 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: 121 C Waste Class Name: Alkaline slutions - containing heavy metals Waste Class: 331 I Waste Class Name: Waste compressed gases including cylinders Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based) Waste Class: 145 I Waste Class Name: Wastes from the use of pigments, coatings and paints Waste Class: 146 T Waste Class Name: Other specified inorganic sludges, slurries or solids					
50	5 of 6	SW/209.9	118.8 / 7.26	Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2	GEN
Generator No: ON5031759 SIC Code: SIC Description: Approval Years: As of Nov 2021 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: 331 I Waste Class Name: Waste compressed gases including cylinders Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based) Waste Class: 145 I Waste Class Name: Wastes from the use of pigments, coatings and paints Waste Class: 121 C Waste Class Name: Alkaline slutions - containing heavy metals Waste Class: 146 T Waste Class Name: Other specified inorganic sludges, slurries or solids					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	6 of 6	SW/209.9	118.8 / 7.26	Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2	GEN
Generator No:		ON5031759			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
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:		146 T			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		121 C			
Waste Class Name:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
Waste Class:		145 I			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
51	1 of 3	SSW/210.5	119.9 / 8.38	200 DIBBLE RD lot 21 con 4 NEPEAN ON	WWIS
Well ID:		7167913		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	08/30/2011
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z119899		Contractor:	1119
Tag:		A113203		Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7167913.pdf			
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		05/19/2011			
Year Completed:		2011			
Depth (m):		188.976			
Latitude:		45.2742414420237			
Longitude:		-75.8011000456145			
X:		-75.8010998851162			
Y:		45.274241435056354			
Path:		716\7167913.pdf			

Bore Hole Information

Bore Hole ID:	1003556802	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437163.00
Code OB Desc:		North83:	5013728.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	05/19/2011	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003966515
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	148.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1003966517
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	285.0
Formation End Depth:	525.0
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003966518			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		15			
Material 2 Desc:		LIMESTONE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		525.0			
Formation End Depth:		620.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003966516			
Layer:		3			
Color:		8			
General Color:		BLACK			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		148.0			
Formation End Depth:		285.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003966514			
Layer:		1			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		26			
Material 3 Desc:		ROCK			
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003966552			
Layer:		1			
Plug From:		262.0			
Plug To:		252.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Plug ID:		1003966553			
Layer:		2			
Plug From:		252.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1003966551			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1003966512			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1003966521			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		262.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		1003966522			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		262.0			
Depth To:		620.0			
Casing Diameter:		51.3125			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1003966523			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		1003966513			
Pump Set At:		300.0			
Static Level:		50.0			
Final Level After Pumping:		151.8000030517578			
Recommended Pump Depth:					
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966527			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		177.8000030517578			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966541			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		174.1999969482422			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966545			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		171.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966546			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		133.60000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966526			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		48.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966537			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		175.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966544			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		119.0999984741211			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966531			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		177.60000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966532			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		54.900001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966535			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		176.6999969482422			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966536			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.4000015258789			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966525			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		172.8000030517578			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966529			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		177.8000030517578			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966538			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		79.5999984741211			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966540			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		94.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966547			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		179.60000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966548			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		151.8000030517578			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966539			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		174.39999389648438			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966549			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		169.39999389648438			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966528			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		49.20000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966533			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		5			
Test Level:		177.60000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966534			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		65.19999694824219			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966542			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		107.80000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966524			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		47.599998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966530			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		51.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003966543			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		172.1999969482422			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1003966520			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003966519			
Diameter:		5.9375			
Depth From:		262.0			
Depth To:		620.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
51	2 of 3	SSW/210.5	119.9 / 8.38	200 DIBBLE RD lot 21 con 4 NEBEAN ON	WWIS
Well ID:		7169716		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Other Status		Date Received:	10/11/2011
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z119701		Contractor:	1119
Tag:		A113203		Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:		PART 12			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7169716.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/30/2011			
Year Completed:		2011			
Depth (m):		225.552			
Latitude:		45.2742414420237			
Longitude:		-75.8011000456145			
X:		-75.8010998851162			
Y:		45.274241435056354			
Path:		716\7169716.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1003577889		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437163.00
Code OB Desc:				North83:	5013728.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		06/30/2011		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
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>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1003989114			
Layer:		3			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		654.0			
Formation End Depth:		710.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003989115			
Layer:		4			
Color:		1			
General Color:		WHITE			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:		46			
Material 2 Desc:		QUARTZ			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		710.0			
Formation End Depth:		740.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003989112			
Layer:		1			
Color:					
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		620.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003989113			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		620.0			
Formation End Depth:		654.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003989146			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003989110			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003989118			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003989119			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1003989111			
Pump Set At:		300.0			
Static Level:		51.33300018310547			
Final Level After Pumping:		141.60000610351562			
Recommended Pump Depth:					
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		2			
Pumping Duration MIN:					
Flowing:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989140			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		168.33299255371094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989123			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		210.16700744628906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989131			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		192.66700744628906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989137			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		178.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989122			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		64.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989132			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		116.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989138			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		155.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989139			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		168.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989145			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		151.58299255371094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989126			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		75.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989128			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		82.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989134			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		126.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989121			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		212.66700744628906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989129			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		201.08299255371094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989130			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		110.16699981689453			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989135			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		180.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989141			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		165.16700744628906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989120			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		51.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989124			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		68.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989133			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		185.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989136			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		141.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989143			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		159.66700744628906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003989125			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type: Recovery					
Test Duration: 3					
Test Level: 207.5					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1003989127					
Test Type: Recovery					
Test Duration: 4					
Test Level: 204.33299255371094					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1003989142					
Test Type: Draw Down					
Test Duration: 50					
Test Level: 174.5					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1003989144					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 186.58299255371094					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 1003989117					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1003989116					
Diameter: 5.75					
Depth From: 620.0					
Depth To: 740.0					
Hole Depth UOM: ft					
Hole Diameter UOM: inch					
<u>51</u>	3 of 3	SSW/210.5	119.9 / 8.38	200 DIBBLE ROAD lot 21 con 4 NEPEAN ON	WWIS
Well ID: 7256766					
Construction Date:					
Use 1st:					
Use 2nd:					
Final Well Status: 0					
Water Type:					
Casing Material:					
Audit No: Z202688					
Tag:					
Constructn Method:					
Elevation (m):					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src:					
Date Received: 01/21/2016					
Selected Flag: TRUE					
Abandonment Rec: Yes					
Contractor: 1119					
Form Version: 7					
Owner:					
County: OTTAWA-CARLETON					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevatn Reliabilty:			Lot:	021	
Depth to Bedrock:			Concession:	04	
Well Depth:			Concession Name:	RF	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		NEPEAN TOWNSHIP			
Site Info:		PORT #12			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7256766.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/23/2015			
Year Completed:		2015			
Depth (m):					
Latitude:		45.2742414420237			
Longitude:		-75.8011000456145			
X:		-75.8010998851162			
Y:		45.274241435056354			
Path:		725\7256766.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1005873592		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437163.00
Code OB Desc:				North83:	5013728.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		12/23/2015		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005985247			
Layer:		2			
Plug From:		4.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005985246			
Layer:		1			
Plug From:		740.0			
Plug To:		4.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1005985245			
Layer:		1			
Plug From:		0.0			
Plug To:		740.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005985244			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005985238			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005985242			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005985243			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1005985241			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005985240			
Diameter:					
Depth From:					
Depth To:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
52	1 of 1	SSE/218.6	109.6 / -1.92	ON	BORE
Borehole ID:		848525		Inclin FLG:	No
OGF ID:		215590146		SP Status:	Initial Entry
Status:		Decommissioned		Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:		Geotechnical/Geological Investigation		Primary Name:	
Completion Date:		10-APR-1991		Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270911
Total Depth m:		7.6		Longitude DD:	-75.793366
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	437766
Drill Method:		Hollow stem auger		Northing:	5013352
Orig Ground Elev m:		106		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 20 metres
DEM Ground Elev m:		105			
Concession:		CON 4			
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		6561284		Mat Consistency:	Dense
Top Depth:		.6		Material Moisture:	
Bottom Depth:		7.6		Material Texture:	
Material Color:		Brown		Non Geo Mat Type:	
Material 1:		Till		Geologic Formation:	
Material 2:		Sand		Geologic Group:	
Material 3:		Silt		Geologic Period:	
Material 4:		Gravel		Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:		BROWN TO GREYISH BROWN, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, CONTAINS OCCASIONAL COBBLES AND BOULDERS, DENSE TO VERY DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:		6561283		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:		.6		Material Texture:	
Material Color:		Brown		Non Geo Mat Type:	
Material 1:		Topsoil		Geologic Formation:	
Material 2:		sand silt		Geologic Group:	
Material 3:		Dark-Coloured		Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SANDY SILT (TOPSOIL), DARK GREYISH BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.			
53	1 of 5	SSW/223.8	120.9 / 9.31	200 Dibblee Rd. Ottawa ON	EHS
Order No:		20090827011		Nearest Intersection:	Dibblee and Moodie
Status:		C		Municipality:	Ottawa
Report Type:		Custom Report		Client Prov/State:	ON
Report Date:		8/28/2009		Search Radius (km):	0.25
Date Received:		8/27/2009		X:	-75.80041
Previous Site Name:				Y:	45.273114

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: 16.24 acres Additional Info Ordered: Fire Insur. Maps and/or Sire Plans; Title Searches; City Directory					
53	2 of 5	SSW/223.8	120.9 / 9.31	200 Dibblee Road Ottawa ON	EHS
Order No: 20110921028 Status: C Report Type: Standard Report Report Date: 9/30/2011 Date Received: 9/21/2011 1:48:51 PM Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.800431 Y: 45.272937					
53	3 of 5	SSW/223.8	120.9 / 9.31	SSSS Dilawri Holdings Inc. 200 Dibblee Rd Ottawa ON K2E 1A5	ECA
Approval No: 0532-AEHHLM Approval Date: 2016-10-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: SSSS Dilawri Holdings Inc. Address: 200 Dibblee Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0702-A77QP3-14.pdf PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.80351 Latitude: 45.273174 Geometry X: Geometry Y:					
53	4 of 5	SSW/223.8	120.9 / 9.31	200 Dibblee Inc. 200 Dibblee Rd Ottawa ON K1T 3V7	ECA
Approval No: 0003-9NS23J Approval Date: 2014-10-31 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: 200 Dibblee Inc. Address: 200 Dibblee Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1016-9FZM8V-14.pdf PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.80351 Latitude: 45.273174 Geometry X: Geometry Y:					
53	5 of 5	SSW/223.8	120.9 / 9.31	Hydro Ottawa Limited/ Hydro Ottawa Limitee 200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON	EBR
EBR Registry No: 013-1751 Ministry Ref No: MNRF INST 67/17 Decision Posted: Exception Posted:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Notice Type:	Instrument Proposal			Section:	
Notice Stage:				Act 1:	
Notice Date:	November 15, 2017			Act 2:	
Proposal Date:	November 15, 2017			Site Location Map:	
Year:	2017				
Instrument Type:	(ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species				
Off Instrument Name:					
Posted By:					
Company Name:	Hydro Ottawa Limited/ Hydro Ottawa Limitée				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	3025 Albion Road, Ottawa Ontario, Canada K1V 9V9				
Comment Period:					
URL:					
Site Location Details:					
200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA					

54	1 of 1	S/229.9	114.6 / 3.00	ON	BORE
<hr/>					
Borehole ID:	848526			Inclin FLG:	No
OGF ID:	215590147			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	10-APR-1991			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270292
Total Depth m:	3.3			Longitude DD:	-75.796927
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437486
Drill Method:	Hollow stem auger			Northing:	5013286
Orig Ground Elev m:	112			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 20 metres
DEM Ground Elev m:	113				
Concession:	CON 4				
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561285			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Dark-Coloured			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TOPSOIL, DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561286			Mat Consistency:	Very Dense
Top Depth:	.6			Material Moisture:	
Bottom Depth:	3.3			Material Texture:	
Material Color:	Grey-Brown			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Till Sand Silt Gravel			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: glacial	
GREYISH BROWN, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, COMPACT TO DENSE, VERY DENSE (GLACIAL TILL), GRAVELLY **Note: Many records provided by the department have a truncated [Stratum Description] field.					
55	1 of 6	W/233.2	118.9 / 7.34	995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20051201016 C Complete Report 12/12/2005 12/1/2005			Nearest Intersection: Fallowfield and Moodie Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.806584 Y: 45.276566	
55	2 of 6	W/233.2	118.9 / 7.34	DBL Container Services Ltd. 995 Moody Dr Ottawa ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	0659-7X9SC7 2009 11/2/2009 Waste Management Systems Approved				
55	3 of 6	W/233.2	118.9 / 7.34	Capital Junk Inc. 995 Moodie Dr Ottawa ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:	3255-7T5KL2 2009 6/19/2009 Waste Management Systems Approved				
55	4 of 6	W/233.2	118.9 / 7.34	Capital Junk Inc. 995 Moodie Dr Ottawa ON K2J 0A9	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No: 3255-7T5KL2 Approval Date: 2009-06-19 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-WASTE MANAGEMENT SYSTEMS Project Type: WASTE MANAGEMENT SYSTEMS Business Name: Capital Junk Inc. Address: 995 Moodie Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0852-7SMPF3-14.pdf PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.7307 Latitude: 45.269726 Geometry X: Geometry Y:					
55	5 of 6	W/233.2	118.9 / 7.34	DBL Container Services Ltd. 995 Moody Dr Ottawa ON K0G 1J0	ECA
Approval No: 0659-7X9SC7 Approval Date: 2009-11-02 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-WASTE MANAGEMENT SYSTEMS Project Type: WASTE MANAGEMENT SYSTEMS Business Name: DBL Container Services Ltd. Address: 995 Moody Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1081-7X9JHW-14.pdf PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.80784 Latitude: 45.278137 Geometry X: Geometry Y:					
55	6 of 6	W/233.2	118.9 / 7.34	Dean Ryan'S Landscaping 995 Moodie Drive Nepean ON K2R 1H4	GEN
Generator No: ON9125866 SIC Code: 561730 SIC Description: LANDSCAPING SERVICES Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					
56	1 of 1	SSW/241.5	120.9 / 9.31	The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc. ON	AGR
ID: 4051 Effective Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Current Status: Authority Type: Section: Location Name: Address Line 1: Address Line 2: Address City: Address Pcode: Geographc Township: District: Auth Type Desc: Operation Type: Unlimited Tonnage: Status Date: Upper Tier Munici: Lower Tier Munici: Source Detail: Geometry: Source: </div> <div> SURRENDERED Ottawa West Quarry CLASS A LICENCE > 20000 TONNES Quarry Yes Material Reference Aggregate Site Authorized - Inactive </div> <div> Licenced Area (ha): Extraction Area: OGF ID: Max Tonnage: Water Status: District Name: Location Accuracy: Geom Updt Datetime: Effective Datetime: System Datetime: Refreshed Datetime: Max Annual Tonnage: X: Y: </div> <div> 6.600000000000001 67240652 99999999 Information Not Available Within 10 metres 17-Apr-2006 25-Apr-2006 -75.8004206593718 45.27293469421 </div> </div>					
57	1 of 9	W/242.2	117.9 / 6.31	Primo Developments Inc. 985 Moodie Dr S Ottawa ON K2R 1H4	ECA
<div> <div> Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location: </div> <div> 5011-94WQDW 2013-03-25 Approved ECA IDS ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Primo Developments Inc. 985 Moodie Dr S https://www.accessenvironment.ene.gov.on.ca/instruments/0790-929TKK-14.pdf </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					
57	2 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON	GEN
<div> <div> Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: </div> <div> ON8460962 493190 OTHER WAREHOUSING AND STORAGE 2013 251 OIL SKIMMINGS & SLUDGES </div> </div>					
<u>Detail(s)</u>					
<div> <div> Waste Class: Waste Class Name: </div> <div> 251 OIL SKIMMINGS & SLUDGES </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
57	3 of 9	W/242.2	117.9 / 6.31	PIPELINE HIT 1" 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON	PINC
Incident Id: Incident No: 1098690 Incident Reported Dt: 5/14/2013 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT 1" Incident Address: 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:			
57	4 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
Waste Class: 263 Waste Class Name: ORGANIC LABORATORY CHEMICALS					
57	5 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2015 PO Box No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		Canada Jason Webster CO_ADMIN 613-820-0817 Ext. No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
57	6 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON8460962 493190 OTHER WAREHOUSING AND STORAGE 2014 Canada Jason Webster CO_ADMIN 613-820-0817 Ext. No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
57	7 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON8460962 As of Dec 2018 Canada Registered 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		148 C Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Name:		148 L Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Name:		251 L Waste oils/sludges (petroleum based)			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: 263 I Waste Class Name: Misc. waste organic chemicals Waste Class: 263 L Waste Class Name: Misc. waste organic chemicals					
57	8 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: SIC Description: Approval Years: As of Jul 2020 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: 263 L Waste Class Name: Misc. waste organic chemicals Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based) Waste Class: 148 C Waste Class Name: Misc. wastes and inorganic chemicals Waste Class: 263 I Waste Class Name: Misc. waste organic chemicals Waste Class: 148 L Waste Class Name: Misc. wastes and inorganic chemicals					
57	9 of 9	W/242.2	117.9 / 6.31	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: SIC Description: Approval Years: As of Nov 2021 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: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			

58	1 of 1	SE/242.7	105.5 / -6.02	ON	BORE
Borehole ID:	848524			Inclin FLG:	No
OGF ID:	215590145			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	06-APR-1991			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.27107
Total Depth m:	9.3			Longitude DD:	-75.792438
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437839
Drill Method:	Hollow stem auger			Northing:	5013369
Orig Ground Elev m:	102			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 20 metres
DEM Ground Elev m:	103				
Concession:	CON 4				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6561279			Mat Consistency:	Firm
Top Depth:	.5			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Roots			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BROWN TO GREYISH BROWN, CLAYEY SILT, SOME SAND, CONTAINS TRACES OF ROOT FIBRES, FIRM TO STIFF, TILL-LIKE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561280			Mat Consistency:	Compact
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	4.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Coarse Sand			Geologic Period:	
Material 4:	Coarse Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND TO COARSE SAND AND GRAVEL, COMPACT, LIGHT GREYISH BROWN, LIGHT TO DARK GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561281			Mat Consistency:	Very Dense

200 erisinfo.com | Environmental Risk Information Services Order No: 24060700508

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Well Completed Date:		01/27/1964			
Year Completed:		1964			
Depth (m):		64.008			
Latitude:		45.2855055837408			
Longitude:		-75.8044757577112			
X:		-75.80447559647506			
Y:		45.2855055773608			
Path:		150\1506104.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10028147			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436910.70
Code OB Desc:				North83:	5014982.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	01/27/1964			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
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:	931003798				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	140.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003799				
Layer:	2				
Color:					
General Color:					
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	140.0				
Formation End Depth:	210.0				
Formation End Depth UOM:	ft				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961506104				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10576717				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930049041				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	110.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930049042				
Layer:	3				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	210.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930049040				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	100.0				
Casing Diameter:	8.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991506104				
Pump Set At:					
Static Level:	4.0				
Final Level After Pumping:	150.0				
Recommended Pump Depth:	150.0				
Pumping Rate:	40.0				
Flowing Rate:					
Recommended Pump Rate:	40.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460187			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		205.0			
Water Found Depth UOM:		ft			

60	1 of 1	NW/246.8	117.9 / 6.31	ON	BORE
Borehole ID:		610570		Inclin FLG:	No
OGF ID:		215512083		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		JAN-1964		Municipality:	
Static Water Level:		10.1		Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.285506
Total Depth m:		64		Longitude DD:	-75.804476
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	436911
Drill Method:				Northing:	5014982
Orig Ground Elev m:		115		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		113			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:		218385906		Mat Consistency:	
Top Depth:		42.7		Material Moisture:	
Bottom Depth:		64		Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Sandstone		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SANDSTONE. 00205ER STABLE AT 347.0 FEET. 15500. BEDROCK. SEISMIC VELOCITY = 14000.			

Geology Stratum ID:		218385905		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:		42.7		Material Texture:	
Material Color:		Grey		Non Geo Mat Type:	
Material 1:		Limestone		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Gsc Material Description:					
Stratum Description:		LIMESTONE. GREY.			
<u>Source</u>					
Source Type:		Data Survey		Source Appl:	Spatial/Tabular
Source Orig:		Geological Survey of Canada		Source Iden:	1
Source Date:		1956-1972		Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 03078 NTS_Sheet:			
Confiden 1:					
<u>Source List</u>					
Source Identifier:		1		Horizontal Datum:	NAD27
Source Type:		Data Survey		Vertical Datum:	Mean Average Sea Level
Source Date:		1956-1972		Projection Name:	Universal Transverse Mercator
Scale or Resolution:		Varies			
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			

Unplottable Summary

Total: **39** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 24 Con 4	Nepean ON	
CA	PUBLIC WORKS CANADA	FALLOWFIELD RD.	NEPEAN CITY ON	
CA	PETRO-CANADA PRODUCTS	FALLOWFIELD RD., BLK.113 (SWM)	NEPEAN CITY ON	
CA	TDL GROUP LIMITED	BLK. 114 FALLOWFIELD RD., SWM	NEPEAN ON	
CA	Dibblee Paving & Materials Limited		Ottawa ON	
CA	Fallowfield Road and O'Keefe Court	Lots 20 and 21, Concession 4	Ottawa ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
CONV	CEDARHILL GOLF ENTERPRISES INC		ON	
DTNK	SUPERIOR PROPANE INC	FALLOWFIELD RD	NEPEAN ON	
DTNK	SUPERIOR PROPANE ATTN WARREN HAYES	FALLOWFIELD RD PRT LOT 20 4 RF	OTTAWA ON	
DTNK	SUPERIOR PROPANE INC	FALLOWFIELD RD	OTTAWA ON	
EBR	Regional Group of Companies Inc.	Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA	ON	
EHS		Fallowfield Road	Ottawa (Former Township of Goulburn) ON	
PRT	I C G PROPANE INC	FALLOWFIELD RD PRT LOT 20 4 RF	OTTAWA ON	
PRT	SUPERIOR PROPANE	FALLOWFIELD RD	NEPEAN ON	
PTTW	Tarmac Canada Inc.	Lot 23 & 24, Concession 5 NEPEAN	ON	

PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4 Ottawa	ON
PTTW	Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.	Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa	ON
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4, Ottawa Ottawa	ON
SPL	PRIVATE OWNER	GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL	OTTAWA CITY ON
SPL	PUBLIC WORKS CANADA	AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK	NEPEAN CITY ON
SPL	Papier Masson Ltee<UNOFFICIAL>	Hwy 416 at Fallowfield Exit<UNOFFICIAL>	Ottawa ON
SPL	DEPARTMENT OF AGRICULTURE	ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD	OTTAWA CITY ON
WWIS		lot 20 con 4	ON
WWIS		lot 21	ON
WWIS		lot 21	ON
WWIS		lot 20 con 4	ON
WWIS		lot 22	ON
WWIS		lot 25	ON
WWIS		lot 25	ON
WWIS		lot 20	ON
WWIS		lot 25	ON
WWIS		lot 22 con 4	ON
WWIS		lot 24	ON
WWIS		FALLOWFIELD RD	OTTAWA ON
WWIS		lot 20 con 4	ON
WWIS		HERON 1670 lot 20	ON
WWIS		lot 21 con 4	ON
WWIS		lot 21 con 4	ON

Unplottable Report

Site: Lot 24 Con 4 Nepean ON

Database:
AAGR

Type: Quarry
Region/County: Ottawa-Carleton
Township: Nepean
Concession: 4
Lot: 24
Size (ha): 9
Landuse:
Comments:

Site: PUBLIC WORKS CANADA
FALLOWFIELD RD. NEPEAN CITY ON

Database:
CA

Certificate #: 8-4023-88-
Application Year: 88
Issue Date: 9/12/1988
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CHEMICAL STORAGE FAC.
Contaminants:
Emission Control:

Site: PETRO-CANADA PRODUCTS
FALLOWFIELD RD., BLK.113 (SWM) NEPEAN CITY ON

Database:
CA

Certificate #: 3-1223-94-
Application Year: 94
Issue Date: 10/5/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TDL GROUP LIMITED
BLK. 114 FALLOWFIELD RD., SWM NEPEAN ON

Database:
CA

Certificate #: 3-0846-98-
Application Year: 98
Issue Date: 7/22/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: **Dibblee Paving & Materials Limited**
Ottawa ON

Database:
CA

Certificate #: 4973-5SJND9
Application Year: 2005
Issue Date: 5/17/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Fallowfield Road and O'Keefe Court**
Lots 20 and 21, Concession 4 Ottawa ON

Database:
CA

Certificate #: 1308-4WQSW8
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Watermains to be constructed on Fallowfield Road and O'Keefe Court
Contaminants:
Emission Control:

Site: **Brandon James Amell**
Highway 416 Ottawa ON

Database:
CONV

File No:
Crown Brief No:
Court Location: Ottawa
Publication City:
Publication Title: Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act: Environmental Protection Act
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed: Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.
Description: The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.
Background: Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification

enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.
On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.
Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.
It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.
The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.
URL: <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date: October 15, 2019 4:00 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: On or about April 11, 2018
Date of Conviction: September 18, 2019
Date Charged:
Charge Disposition:
Fine: \$500
Synopsis:

Site: CEDARHILL GOLF ENTERPRISES INC
ON

Database:
CONV

File No:
Crown Brief No: 98-0000-9004
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 34(8)
Act/Regulation/Section: OWRA- -34(8)
Date of Offence:
Date of Conviction:
Date Charged: 9/11/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: SUPERIOR PROPANE INC
FALLOWFIELD RD NEPEAN ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9669823
Status: EXPIRED
Instance ID: 392708
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Vehicle Conv Centre
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: SUPERIOR PROPANE ATTN WARREN HAYES
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9631753
Status: EXPIRED
Instance ID: 391550
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: Fuels Safety Propane Filling Plant > 5000 USW

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Original Source: EXP
Record Date: Up to Mar 2012

Site: SUPERIOR PROPANE INC
FALLOWFIELD RD OTTAWA ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No:	9558985	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	390259	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Propane Filling Plant > 5000 USW		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: Regional Group of Companies Inc.
Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA ON

Database:
EBR

EBR Registry No:	012-4505	Decision Posted:	
Ministry Ref No:	MNRF INST 51/15	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	December 13, 2016	Act 2:	
Proposal Date:	July 02, 2015	Site Location Map:	
Year:	2015		
Instrument Type:	(ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species		
Off Instrument Name:			
Posted By:			
Company Name:	Regional Group of Companies Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9		
Comment Period:			
URL:			

Site Location Details:

Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA

Site: **Fallowfield Road Ottawa (Former Township of Goulburn) ON**

Database:
EHS

Order No: 20060922004
Status: C
Report Type: Complete Report
Report Date: 9/25/2006
Date Received: 9/22/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: 0
Y: 0

Site: **I C G PROPANE INC**
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON

Database:
PRT

Location ID: 11051
Type: retail
Expiry Date: 1990-12-31
Capacity (L): 30000
Licence #: 0033255001

Site: **SUPERIOR PROPANE**
FALLOWFIELD RD NEPEAN ON

Database:
PRT

Location ID: 9601
Type: private
Expiry Date: 1992-01-31
Capacity (L): 0.00
Licence #: 0038379001

Site: **Tarmac Canada Inc.**
Lot 23 & 24, Concession 5 NEPEAN ON

Database:
PTTW

EBR Registry No: IA7E0250
Ministry Ref No: 28021
Notice Type: Instrument Decision
Notice Stage:
Notice Date: May 02, 1997
Proposal Date: February 20, 1997
Year: 1997
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Tarmac Canada Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: Belleville, P.O. Box 323, Highway 62 & 401, Belleville Ontario, K8N 5A5
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 23 & 24, Concession 5 NEPEAN

Site: **Courtyard Developments Incorporated**
Lot 23, Concession 4 Ottawa ON

Database:
PTTW

EBR Registry No: IA04E1672

Decision Posted:

Ministry Ref No: ER-6311-677S8H
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 01, 2005
Proposal Date: November 30, 2004
Year: 2004
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 23, Concession 4 Ottawa

Site: Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.
Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa ON

Database:
[PTTW](#)

EBR Registry No: IA06E1038
Ministry Ref No: 6114-6SQHA7
Notice Type: Instrument Final Decision
Notice Stage:
Notice Date: November 30, 2006
Proposal Date: August 17, 2006
Year: 2006
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa

Site: Courtyard Developments Incorporated
Lot 23, Concession 4, Ottawa Ottawa ON

Database:
[PTTW](#)

EBR Registry No: IA05E0429
Ministry Ref No: ER-1113-6AYSQL
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 22, 2005
Proposal Date: April 05, 2005
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Comment Period:
URL:

Site Location Details:

Lot 23, Concession 4, Ottawa Ottawa

Site: PRIVATE OWNER
GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL OTTAWA CITY ON

Database:
SPL

Ref No: 213503 **Municipality No:** 20107
Year: **Nature of Damage:**
Incident Dt: 10/10/2001 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 10/10/2001 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: Possible
Nature of Impact: Soil contamination
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: Land
Incident Reason: OTHER
Incident Summary: SPILL OF 2 -3 L FUEL OIL TO GROUND FROM TANK. CLEANED.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: PUBLIC WORKS CANADA
AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK NEPEAN CITY ON

Database:
SPL

Ref No: 79801 **Municipality No:** 20104
Year: **Nature of Damage:**
Incident Dt: // **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 12/11/1992 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: NEPEAN CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
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: LAND
Incident Reason: CORROSION
Incident Summary: AGRICULTURE CANADA - SOIL CONTAMINATION DUE TO UNDERGROUND TANKS
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: **Papier Masson Ltee<UNOFFICIAL>**
Hwy 416 at Fallowfield Exit<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No:	8546-6BZTJ4	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	5/2/2005	Discharger Report:	0
Dt MOE Arvl on Scn:		Material Group:	Oil
MOE Reported Dt:	5/2/2005	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Hwy 416 at Fallowfield Exit<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Other Transport Accident		
Incident Event:			

Environment Impact: Not Anticipated
Nature of Impact:
Contaminant Qty: 100 L
System Facility Address:
Client Name: Papier Masson Ltee<UNOFFICIAL>
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: Damage By Moving Equipment - Containers damaged by moving
Incident Summary: MVA: Papier Masson 100 L to road.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spill to Highway (Accident)
Call Report Locatn Geodata:

Site: DEPARTMENT OF AGRICULTURE ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD OTTAWA CITY ON **Database:** SPL

Ref No:	44068	Municipality No:	20101
Year:		Nature of Damage:	
Incident Dt:	11/26/1990	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	11/29/1990	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	ENVIRONMENT CANADA
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	UNDERGROUND TANK LEAK		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
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:	LAND		
Incident Reason:	CORROSION		
Incident Summary:	DEPARTMENT OF AGRICULTURE-UNDERGROUND FURNACE OIL TANK LEAKING.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			

Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: lot 20 con 4 ON	Database: WWIS
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Well ID: 1534313	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st: Not Used	Data Entry Status:
Use 2nd:	Data Src: 1
Final Well Status: Abandoned-Quality	Date Received: 11/13/2003
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec:
Audit No: 267002	Contractor: 1558
Tag:	Form Version: 2
Constructn Method:	Owner:
Elevation (m):	County: OTTAWA-CARLETON
Elevatn Reliabilty:	Lot: 020
Depth to Bedrock:	Concession: 04
Well Depth:	Concession Name:
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: NEPEAN TOWNSHIP	
Site Info:	

Bore Hole Information

Bore Hole ID: 11097363	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB:	East83:
Code OB Desc:	North83:
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 09/18/2003	UTMRC Desc: unknown UTM
Remarks:	Location Method: na
Location Method Desc: Not Applicable i.e. no UTM	
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Method of Construction & Well Use

Method Construction ID: 961534313
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101078
Casing No: 1
Comment:
Alt Name:

Site: lot 21 ON	Database: WWIS
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Well ID: 1519738
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
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: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/24/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041591
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931042559
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042558
Layer: 1
Color: 2
General Color: GREY
Material 1: 05

Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042560
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 112.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961519738
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590161
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072630
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 165.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072629
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 113.0
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: 991519738
Pump Set At:
Static Level:
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 10.0
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934384356
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654896
Test Type:
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108646
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894680
Test Type:
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933476796
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Water Details

Water ID: 933476797
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Site:
lot 21 ON

Database:
WWIS

Well ID: 1519741
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
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: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/03/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041594
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/16/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931042570
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 81.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042567
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042569
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 65.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042568
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961519741
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590164
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930072633
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072634
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519741
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 0.0
Recommended Pump Depth: 30.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108649
Test Type:
Test Duration: 15
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894683
Test Type:
Test Duration: 60
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654899
Test Type:
Test Duration: 45
Test Level: 0.0
Test Level UOM: ft

Water Details

Water ID: 933476800
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site:
lot 20 con 4 ON

Database:
WWIS

Well ID: 1521188
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 07417
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/18/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043024
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/17/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931047127
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05

Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047128
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047129
Layer: 3
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047130
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961521188
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591594
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075103
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075104
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 78.0
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: 991521188
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 50.0
Pumping Rate: 40.0
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: 934105888
Test Type:
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389007
Test Type:
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651135
Test Type:
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908364
Test Type:
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933478675
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.0
Water Found Depth UOM: ft

Water Details

Water ID: 933478674
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Site:
lot 22 ON

Database:
WWIS

Well ID: 1523111
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 27196
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/24/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10044917	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/19/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location 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:	931053589
Layer:	3
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	931053587
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	931053588
Layer:	2
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	

Formation Top Depth: 35.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523111
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593487
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078573
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523111
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112685
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388103
Test Type:
Test Duration: 30

Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649085
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906289
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933481251
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1523747
Construction Date:
Use 1st: Industrial
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/04/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/12/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 82
Material 2 Desc: SHALY
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
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: 991523747
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0
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: 934651310
Test Type:
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100.0

Test Level UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site: lot 25 ON **Database:** WWIS

Well ID:	1525383	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:	05/29/1991
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	100018	Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	025
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	RF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047121	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03/11/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location 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: 931060969
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060968
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 86
Material 2 Desc: STICKY
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060970
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060967
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 68
Material 2 Desc: DRY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060971
Layer: 5
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525383
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082495
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082494
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.0
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: 991525383
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 75.0

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

Draw Down & Recovery

Pump Test Detail ID: 934387617
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648157
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112212
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905756
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933484357
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 165.0
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1527942
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 139317

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/09/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142

Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049484
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931068042
Layer: 3
Color: 8
General Color: BLACK
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068040
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068041
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933112804
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961527942
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598054
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086443
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086442
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991527942
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 80.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111811
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386620
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655949
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904319
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933487482
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Water Details

Water ID: 933487483
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 93.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID:	1528551	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:	07/17/1995
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	137549	Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	025
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:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10050087	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	06/20/1995	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location 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: 931070012
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 71.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070013
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528551
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598657
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087550
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087549
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74.0
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: 991528551
Pump Set At:
Static Level: 48.0

Final Level After Pumping: 70.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
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: 934906465
Test Type: Recovery
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104721
Test Type: Recovery
Test Duration: 15
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388346
Test Type: Recovery
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648862
Test Type: Recovery
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933488281
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76.0
Water Found Depth UOM: ft

Site: lot 22 con 4 ON

Database:
WWIS

Well ID: 1524758
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/17/1990
Selected Flag: TRUE

Casing Material:
Audit No: 80337
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070684
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/27/1990
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site:
lot 24 ON

Database:
WWIS

Well ID: 1534384
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 265843
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/16/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097434
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 11/22/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534384
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101149
Casing No: 1
Comment:
Alt Name:

Site: FALLOWFIELD RD OTTAWA ON

Database:
[WWIS](#)

Well ID: 1535676
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z33652
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/04/2005
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316215
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/08/2005
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

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

Source Revision Comment:
Supplier Comment:

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933273996
Layer: 2
Plug From: 1.899999976158142
Plug To: 0.0
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933273995
Layer: 1
Plug From: 14.0
Plug To: 1.899999976158142
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID: 961535676
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11331070
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11533761
Diameter: 6.0
Depth From: 0.0
Depth To: 7.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11533760
Diameter: 20.0
Depth From: 0.0
Depth To: 18.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:
lot 20 con 4 ON

Database:
WWIS

Well ID: 1536188
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 01/17/2006
Selected Flag: TRUE

Casing Material:
Audit No: Z17661
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550254
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/22/2005
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 933043020
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961536188
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11559861
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 11569337
Pump Set At: 75.0
Static Level: 12.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site:

HERON 1670 lot 20 ON

Database:
[WWIS](#)

Well ID: 1536291
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z34337
Tag: A035919
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 04/13/2006
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550357
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/02/2006
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 933053125
Layer: 1
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 84
Material 2 Desc: SILTY
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293035
Layer: 3
Plug From: 2.740000009536743
Plug To: 4.570000171661377
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293034
Layer: 2
Plug From: 0.30000001192092896
Plug To: 2.740000009536743
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293033
Layer: 1
Plug From: 0.0
Plug To: 0.30000001192092896
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID: 961536291
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11559964
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930878918
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0

Depth To: 3.0999999046325684
Casing Diameter: 3.174999952316284
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933418297
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth: 4.570000171661377
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Site:

lot 21 con 4 ON

Database:
WWIS

Well ID: 1522604
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38263
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070678
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/18/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site:

lot 21 con 4 ON

Database:
WWIS

Well ID: 1522605
Construction Date:
Use 1st:
Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes

Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38264
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070681
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/04/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:Private [CNG](#)

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

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:Provincial [CONV](#)

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

Government Publication Date: 1989-Mar 2024

Certificates of Property Use:Provincial [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 - Mar 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Registry:

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System:

Federal

[EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022**List of Expired Fuels Safety Facilities:**

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: 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***Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021**Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian 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.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2024**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Mar 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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 Handlers from NPRI:

Federal

PFHA

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

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: 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).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

[RSC](#)

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private

[RST](#)

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

[SCT](#)

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

[TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Mar 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



DATABASE REPORT

Project Property: *PE6605 - 4497B O'Keefe Court
PE6605 - 4497B O'Keefe Crt
Nepean ON K2R 0A2*

Project No:

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *24061700176*

Requested by: *Paterson Group Inc.*

Date Completed: *June 20, 2024*

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property: PE6605 - 4497B O'Keefe Court
PE6605 - 4497B O'Keefe Crt Nepean ON K2R 0A2

Project No:

Order Information:

Order No: 24061700176
Date Requested: June 17, 2024
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	1	0	1
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	3	3	6
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
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	0	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	7	7
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	1	0	1
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	10	10	20

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	16	22	38

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		4497 O'Keefe Court Nepean ON K2R 0A2	NW/0.0	0.00	<u>19</u>
<u>2</u>	BORE		ON	SSW/0.0	-1.18	<u>19</u>
<u>3</u>	WWIS		lot 24 con 4 ON Well ID: 1506102	SW/0.0	-0.12	<u>20</u>
<u>4</u>	AMIS	FALLOWFIELD QUARRY	NEPEAN ON	SSW/0.0	-1.00	<u>23</u>
<u>5</u>	MNR	Fallowfield Quarry	ON	SSW/0.0	-2.23	<u>23</u>
<u>6</u>	BORE		ON	WSW/0.0	1.00	<u>23</u>
<u>7</u>	WWIS		lot 24 con 4 ON Well ID: 1506104	WSW/0.0	1.00	<u>24</u>
<u>8</u>	WWIS		lot 24 con 4 ON Well ID: 1532255	S/0.0	-2.23	<u>27</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>9</u>	BORE		ON	S/0.0	-3.60	<u>31</u>
<u>10</u>	WWIS		lot 24 con 4 ON Well ID: 1506106	S/0.0	-3.60	<u>32</u>
<u>11</u>	WWIS		lot 25 con 4 ON Well ID: 1531508	NE/0.0	-5.00	<u>35</u>
<u>11</u>	WWIS		lot 25 con 4 ON Well ID: 1532252	NE/0.0	-5.00	<u>38</u>
<u>11</u>	WWIS		lot 25 con 4 ON Well ID: 1534354	NE/0.0	-5.00	<u>42</u>
<u>12</u>	WWIS		lot 25 con 4 ON Well ID: 1530757	NE/0.0	-5.00	<u>45</u>
<u>13</u>	WWIS		lot 25 con 4 ON Well ID: 1530383	NE/0.0	-5.00	<u>49</u>
<u>14</u>	WWIS		lot 24 con 4 ON Well ID: 1506105	SSW/0.0	-0.18	<u>50</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	WWIS		lot 25 con 4 ON Well ID: 1518657	NE/26.5	-7.00	53
16	BORE		ON	NE/99.8	-8.15	56
17	WWIS		lot 25 con 4 ON Well ID: 1506118	NE/122.2	-8.68	57
18	WWIS		965 MOODIE DRIVE lot 24 con 4 NEPEAN ON Well ID: 1535311	SW/160.6	2.05	60
19	WWIS		985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON Well ID: 7181163	SSW/161.1	1.00	67
20	WWIS		7 OSBOURNE ROAD lot 3 con 6 ATHENS ON Well ID: 3616379	SW/161.6	2.05	74
21	BORE		ON	NNE/174.8	-7.00	80
22	WWIS		MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON Well ID: 7248741	W/197.9	2.00	81
23	BORE		ON	NE/203.9	-9.15	84
24	WWIS		lot 24 con 4 ON Well ID: 1532254	E/212.1	-3.00	85
25	WWIS		lot 24 con 4 ON Well ID: 1530498	E/214.0	-4.04	89
26	WWIS		lot 24 con 4 ON	E/215.6	-4.04	93

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1522454			
27	ECA	Primo Developments Inc.	985 Moodie Dr S Ottawa ON K2R 1H4	SSW/233.0	1.00	96
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON	SSW/233.0	1.00	97
27	PINC	PIPELINE HIT 1"	985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON	SSW/233.0	1.00	97
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	97
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	98
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	98
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	99
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	99
27	GEN	FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	SSW/233.0	1.00	100
28	WWIS		lot 25 con 4 ON Well ID: 1506115	NE/250.0	-11.30	100

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Apr 2024 has found that there are 1 AMIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FALLOWFIELD QUARRY	NEPEAN ON	0.0	<u>4</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	0.0	<u>2</u>
	ON	0.0	<u>6</u>
	ON	0.0	<u>9</u>
	ON	99.8	<u>16</u>
	ON	174.8	<u>21</u>
	ON	203.9	<u>23</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2024 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Primo Developments Inc.	985 Moodie Dr S Ottawa ON K2R 1H4	233.0	<u>27</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4497 O'Keefe Court Nepean ON K2R 0A2	0.0	<u>1</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	<u>27</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	<u>27</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	<u>27</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	<u>27</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON	233.0	<u>27</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	27
FedEx Ground Ltd.	985 Moodie Drive Nepean ON K2R1H4	233.0	27

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2024 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Fallowfield Quarry	ON	0.0	5

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 1"	985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3, CA ON	233.0	27

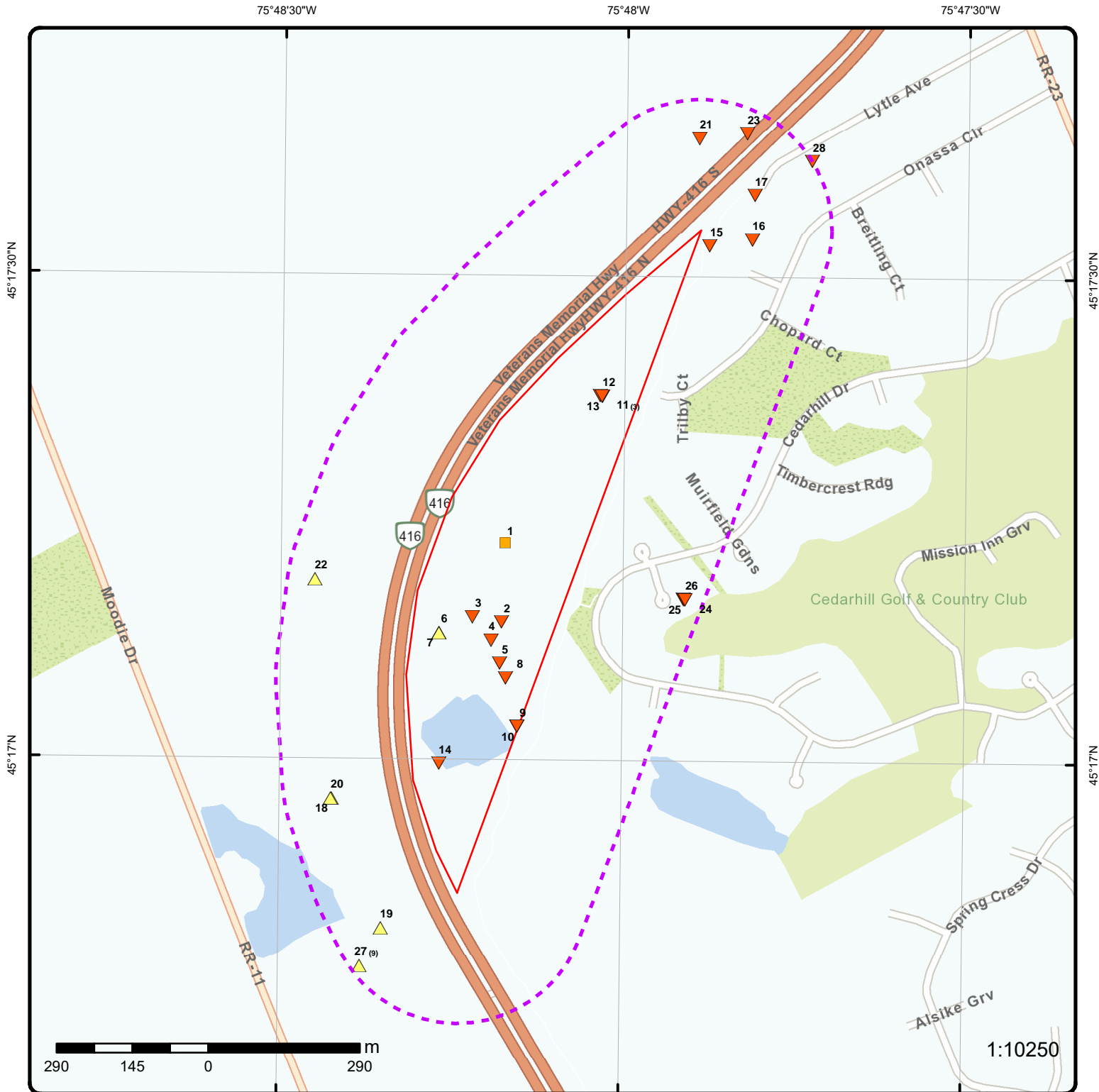
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 20 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 24 con 4 ON <i>Well ID:</i> 1506102	0.0	3
	lot 24 con 4 ON <i>Well ID:</i> 1506104	0.0	7

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 24 con 4 ON <i>Well ID:</i> 1532255	0.0	<u>8</u>
	lot 24 con 4 ON <i>Well ID:</i> 1506106	0.0	<u>10</u>
	lot 25 con 4 ON <i>Well ID:</i> 1534354	0.0	<u>11</u>
	lot 25 con 4 ON <i>Well ID:</i> 1532252	0.0	<u>11</u>
	lot 25 con 4 ON <i>Well ID:</i> 1531508	0.0	<u>11</u>
	lot 25 con 4 ON <i>Well ID:</i> 1530757	0.0	<u>12</u>
	lot 25 con 4 ON <i>Well ID:</i> 1530383	0.0	<u>13</u>
	lot 24 con 4 ON <i>Well ID:</i> 1506105	0.0	<u>14</u>
	lot 25 con 4 ON <i>Well ID:</i> 1518657	26.5	<u>15</u>
	lot 25 con 4 ON <i>Well ID:</i> 1506118	122.2	<u>17</u>
	965 MOODIE DRIVE lot 24 con 4 NEPEAN ON <i>Well ID:</i> 1535311	160.6	<u>18</u>
	985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON	161.1	<u>19</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7181163		
	7 OSBOURNE ROAD lot 3 con 6 ATHENS ON	161.6	<u>20</u>
	<i>Well ID:</i> 3616379		
	MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON	197.9	<u>22</u>
	<i>Well ID:</i> 7248741		
	lot 24 con 4 ON	212.1	<u>24</u>
	<i>Well ID:</i> 1532254		
	lot 24 con 4 ON	214.0	<u>25</u>
	<i>Well ID:</i> 1530498		
	lot 24 con 4 ON	215.6	<u>26</u>
	<i>Well ID:</i> 1522454		
	lot 25 con 4 ON	250.0	<u>28</u>
	<i>Well ID:</i> 1506115		



Map: 0.25 Kilometer Radius

Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, Nepean, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	



Aerial Year: 2023

Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, Nepean, ON



Source: ESRI World Imagery

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75°49'30"W

75°48'W

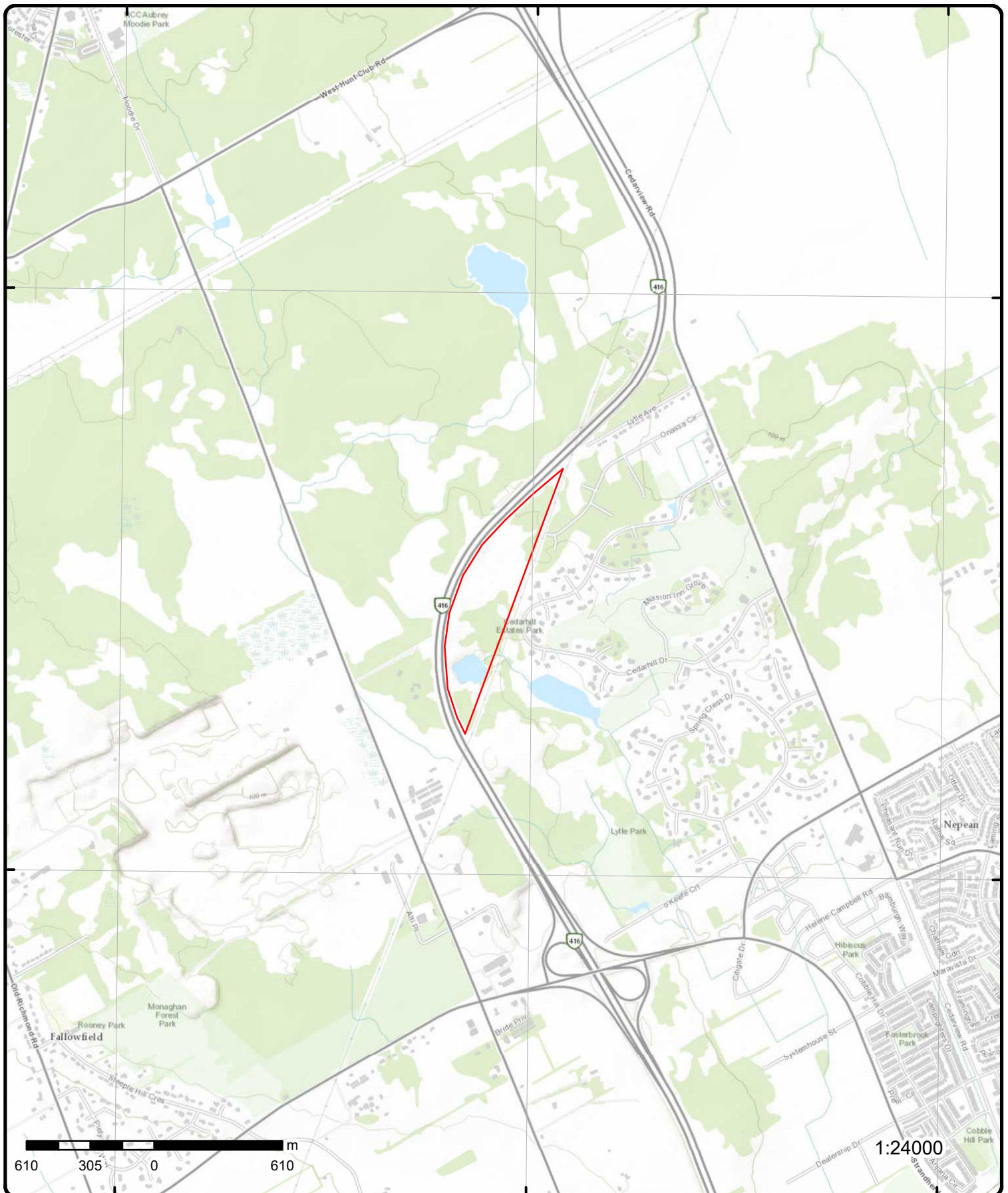
75°46'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



1:24000

Topographic Map

Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, ON

Source: ESRI World Topographic Map



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NW/0.0	116.9 / 0.00	4497 O'Keefe Court Nepean ON K2R 0A2	EHS
<div> <div> Order No: 23052400700 Status: C Report Type: Custom Report Report Date: 05-JUN-23 Date Received: 24-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.79651 Y: 45.27409 </div> </div>					
2	1 of 1	SSW/0.0	115.7 / -1.18	ON	BORE
<div> <div> Borehole ID: 610572 OGF ID: 215512085 Status: Type: Borehole Use: Completion Date: Static Water Level: 22.3 Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 111 Elev Reliabil Note: DEM Ground Elev m: 111 Concession: Location D: Survey D: Comments: </div> <div> Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.285697 Longitude DD: -75.802949 UTM Zone: 18 Easting: 437031 Northing: 5015002 Location Accuracy: Accuracy: Not Applicable </div> </div>					
<u>Borehole Geology Stratum</u>					
<div> <div> Geology Stratum ID: 218385909 Top Depth: 0 Bottom Depth: 111 Material Color: Material 1: Bedrock Material 2: Limestone Material 3: Material 4: Gsc Material Description: Stratum Description: BEDROCK,LIMESTONE. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<div> <div> Geology Stratum ID: 218385910 Top Depth: 111 Bottom Depth: Material Color: </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		Bedrock		Geologic Formation:	
Material 2:		Sandstone		Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK,SANDSTONE. WATER STABLE AT 292.0 FEET.00. BEDROCK. SEISMIC VELOCITY = 14000. S **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type:		Data Survey		Source Appl:	Spatial/Tabular
Source Orig:		Geological Survey of Canada		Source Ident:	1
Source Date:		1956-1972		Scale or Res:	Varies
Confidence:		M		Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 030800 NTS_Sheet: 31G05C			
Confiden 1:		Reliable information but incomplete.			
Source List					
Source Identifier:		1		Horizontal Datum:	NAD27
Source Type:		Data Survey		Vertical Datum:	Mean Average Sea Level
Source Date:		1956-1972		Projection Name:	Universal Transverse Mercator
Scale or Resolution:		Varies			
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
3	1 of 1	SW/0.0	116.8 / -0.12	lot 24 con 4 ON	WWIS
Well ID:		1506102		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Industrial		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	03/17/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506102.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		02/03/1964			
Year Completed:		1964			
Depth (m):		44.196			
Latitude:		45.2857814360723			
Longitude:		-75.8036508126606			
X:		-75.80365065134143			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Y: Path:		45.285781429337504 150\1506102.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10028145			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436975.70
Code OB Desc:				North83:	5015012.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	02/03/1964			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
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:	931003795				
Layer:	2				
Color:					
General Color:					
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	40.0				
Formation End Depth:	145.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003794				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506102				
Method Construction Code:	7				
Method Construction:	Diamond				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576715			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049037			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		145.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049036			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506102			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		140.0			
Recommended Pump Depth:		130.0			
Pumping Rate:		17.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
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			
<u>Water Details</u>					
Water ID:		933460185			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	SSW/0.0	115.9 / -1.00	FALLOWFIELD QUARRY NEPEAN ON	AMIS
Site Access Code: AMIS Distr Code: Abandoned Mine ID: 07083 Old MDI ID: SO4021 New MDI ID: MDI31G05SW00021 Mine Status: ABANDONED Mine Plan/Section: UNK Site Class: C Clos Reason Code: Closure Plan: UNK Prim Commod Code: Primary Commodity: LIMESTONE (BUILDING STONES) Operational Access: NOT AVAILABLE Date Entered: Date Last Modified: 11/19/2021 12:00:00 AM Effective Date: Start Year: End Year: Evid of Site Conta: Evid of Sulphide: Evid Animals Pres: Hyper Link: Mine Features Desc: Progressive Rehabilitation Sta: NOT REHABILITATED AMIS Bkgrd Info: PAST PRODUCER; QUARRY NOT LICENCED (JUNE'92); DESIGNATED TWP. AGGREGATE RESOURCES ACT.; LOCATED AT POINT 2.75KM NE. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE; Alternate Name: FALLOWFIELD QUARRY		Prog Rehab Plan: UNK Revegetation: Veg Condition: Veg Descr: Chemical Doc: Jurisdiction: A.R.A. Lot No: 24 Concession: 4 Zone: 18 Northing: 5014782 Easting: 436961 Mine Closure Reaso: UNKNOWN AMIS District: TWEED District Desc: TWEED Animal Desc: Status Type Code: Long Name: 1018435050100 NTS No: 031G05 Latitude: 45.28538 Longitude: -75.8032			
5	1 of 1	SSW/0.0	114.6 / -2.23	Fallowfield Quarry ON	MNR
MDI No: MDI31G05SW00021 OGF ID: Deposit Status: Claim Map: Geological Dstrct: Southern Ontario Mining Division: Name: Fallowfield Quarry Primary Commodity: LIMESTONE (BUILDING STONE) Secondary Commod: Latitude: 45.284984 Longitude: -75.802982 Class Sub Type: Source Map: Detail: https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00021 All Names: Fallowfield Quarry Access Description: 2.75 km NE of Fallowfield.		Twp Area: Nepean Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status: Past Producing Mine Without Reserves or Resources			
6	1 of 1	WSW/0.0	117.9 / 1.00	ON	BORE
Borehole ID: 610570 OGF ID: 215512083 Status: Type: Borehole Use:		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Completion Date: JAN-1964 Static Water Level: 10.1 Primary Water Use: Sec. Water Use: Total Depth m: 64 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 115 Elev Reliabil Note: DEM Ground Elev m: 113 Concession: Location D: Survey D: Comments: </div> <div> Municipality: Lot: Township: Latitude DD: 45.285506 Longitude DD: -75.804476 UTM Zone: 18 Easting: 436911 Northing: 5014982 Location Accuracy: Accuracy: Not Applicable </div> </div>					
<u>Borehole Geology Stratum</u>					
<div> <div> Geology Stratum ID: 218385906 Top Depth: 42.7 Bottom Depth: 64 Material Color: Material 1: Sandstone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: SANDSTONE. 00205ER STABLE AT 347.0 FEET. 15500. BEDROCK. SEISMIC VELOCITY = 14000. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<div> <div> Geology Stratum ID: 218385905 Top Depth: 0 Bottom Depth: 42.7 Material Color: Grey Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: LIMESTONE. GREY. </div> <div> Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
<u>Source</u>					
<div> <div> Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 03078 NTS_Sheet: Confiden 1: </div> <div> Source Appl: Spatial/Tabular Source Ident: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level </div> </div>					
<u>Source List</u>					
<div> <div> Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada </div> <div> Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator </div> </div>					
<u>7</u>	1 of 1	WSW/0.0	117.9/ 1.00	lot 24 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1506104			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Industrial			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/17/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506104.pdf			

Additional Detail(s) (Map)

Well Completed Date: 01/27/1964
 Year Completed: 1964
 Depth (m): 64.008
 Latitude: 45.2855055837408
 Longitude: -75.8044757577112
 X: -75.80447559647506
 Y: 45.2855055773608
 Path: 150\1506104.pdf

Bore Hole Information

Bore Hole ID:	10028147	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	436910.70
Code OB Desc:		North83:	5014982.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	01/27/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931003798
 Layer: 1
 Color: 2
 General Color: GREY
 Material 1: 15
 Material 1 Desc: LIMESTONE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003799			
Layer:		2			
Color:					
General Color:					
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		140.0			
Formation End Depth:		210.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961506104			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576717			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049041			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		110.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049042			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		210.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049040			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100.0			
Casing Diameter:		8.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506104			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		150.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		40.0			
Flowing Rate:					
Recommended Pump Rate:		40.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460187			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		205.0			
Water Found Depth UOM:		ft			

<u>8</u>	1 of 1	S/O.0	114.6 / -2.23	lot 24 con 4 ON	WWIS
Well ID:	1532255			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	09/20/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	234298			Contractor:	1119
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532255.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/26/2001			
Year Completed:		2001			
Depth (m):		54.864			
Latitude:		45.2847340433547			
Longitude:		-75.8028288710701			
X:		-75.80282870938682			
Y:		45.284734036007166			
Path:		153\1532255.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10516705		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437039.00
Code OB Desc:				North83:	5014895.00
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:		07/26/2001		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Location 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:		932832300			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832299			
Layer:		1			
Color:					
General Color:					
Material 1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		CLAY			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:		26			
Material 3 Desc:		ROCK			
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932832301			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		104.0			
Formation End Depth:		180.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219705			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532255			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065275			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094441			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930094439			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930094440			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991532255			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		180.0			
Recommended Pump Depth:		180.0			
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:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399854			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917262			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934116240					
Test Type: Recovery					
Test Duration: 15					
Test Level: 14.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934660376					
Test Type: Recovery					
Test Duration: 45					
Test Level: 14.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 934008407					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 124.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 934008408					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 180.0					
Water Found Depth UOM: ft					
9	1 of 1	S/0.0	113.3 / -3.60	ON	BORE
Borehole ID: 610564					
OGF ID: 215512077					
Status:					
Type: Borehole					
Use:					
Completion Date: JUL-1966					
Static Water Level:					
Primary Water Use:					
Sec. Water Use:					
Total Depth m: 24.4					
Depth Ref: Ground Surface					
Depth Elev:					
Drill Method:					
Orig Ground Elev m: 109					
Elev Reliabil Note:					
DEM Ground Elev m: 110					
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218385894					
Top Depth: 0					
Mat Consistency:					
Material Moisture:					
Inclin FLG: No					
SP Status: Initial Entry					
Surv Elev: No					
Piezometer: No					
Primary Name:					
Municipality:					
Lot:					
Township:					
Latitude DD: 45.2839					
Longitude DD: -75.802541					
UTM Zone: 18					
Easting: 437061					
Northing: 5014802					
Location Accuracy:					
Accuracy: Not Applicable					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506106.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	07/07/1966				
Year Completed:	1966				
Depth (m):	24.384				
Latitude:	45.2838989327874				
Longitude:	-75.8025403940659				
X:	-75.80254023266743				
Y:	45.28389892599604				
Path:	150\1506106.pdf				
Bore Hole Information					
Bore Hole ID:	10028149			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437060.70
Code OB Desc:				North83:	5014802.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	07/07/1966			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931003802				
Layer:	1				
Color:					
General Color:					
Material 1:	01				
Material 1 Desc:	FILL				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	10.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	931003803				
Layer:	2				
Color:					
General Color:					
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506106			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576719			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049045			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930049046			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506106			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		4.0			
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:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460189			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		22.0			
Water Found Depth UOM:		ft			

11	1 of 3	NE/0.0	111.9 / -5.00	lot 25 con 4 ON	WWIS
Well ID:		1531508		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:	11/16/2000
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		224685		Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	025
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531508.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/24/2000
Year Completed: 2000
Depth (m): 29.8704
Latitude: 45.2896105890202
Longitude: -75.8005856740862
X: -75.8005855122473
Y: 45.28961058205006
Path: 153\1531508.pdf

Bore Hole Information

Bore Hole ID:	10053042	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437220.30
Code OB Desc:		North83:	5015435.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/24/2000	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		931078710			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		90			
Material 2 Desc:		VERY			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		3.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931078709			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933116679			
Layer:		1			
Plug From:		0.0			
Plug To:		21.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961531508			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10601612			
Casing No:		1			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930092838			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930092837			
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991531508			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		45.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934397125			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934657643			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934112953				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	95.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934914534				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	45.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933491986				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	88.0				
Water Found Depth UOM:	ft				
11	2 of 3	NE/0.0	111.9 / -5.00	lot 25 con 4 ON	WWIS
Well ID:	1532252			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:	09/20/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	234296			Contractor:	1119
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	025
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532252.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	07/25/2001				
Year Completed:	2001				
Depth (m):	36.576				
Latitude:	45.2896105890202				
Longitude:	-75.8005856740862				
X:	-75.8005855122473				
Y:	45.28961058205006				
Path:	153\1532252.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10516702			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437220.30
Code OB Desc:				North83:	5015435.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	07/25/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	932832293				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	32.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832294				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	32.0				
Formation End Depth:	120.0				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	933219702				
Layer:	1				
Plug From:	2.0				
Plug To:	22.0				
Plug Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961532252				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11065272				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930094432				
Layer:	3				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:					
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930094430				
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				
<u>Construction Record - Casing</u>					
Casing ID:	930094431				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:					
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991532252				
Pump Set At:					
Static Level:	8.0				
Final Level After Pumping:	110.0				
Recommended Pump Depth:	110.0				
Pumping Rate:	12.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:		12.0			
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660373			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917259			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116237			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399851			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008403			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		96.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934008402			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		934008404			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		113.0			
Water Found Depth UOM:		ft			
11	3 of 3	NE/0.0	111.9 / -5.00	lot 25 con 4 ON	WWIS
Well ID:	1534354			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	11/18/2003
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	265645			Contractor:	1119
Tag:				Form Version:	2
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	025
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534354.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/14/2003				
Year Completed:	2003				
Depth (m):	55.4736				
Latitude:	45.2896105890202				
Longitude:	-75.8005856740862				
X:	-75.8005855122473				
Y:	45.28961058205006				
Path:	153\1534354.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	11097404			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437220.30
Code OB Desc:				North83:	5015435.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/14/2003			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932942198			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932942197			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932942199			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		100.0			
Formation End Depth:		182.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933245177			
Layer:		1			
Plug From:		0.0			
Plug To:		21.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961534354			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11101119			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930832183			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		182.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930832182			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991534354			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		170.0			
Recommended Pump Depth:		170.0			
Pumping Rate:		3.0			
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:					
Flowing:		No			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934915666					
Test Type: Recovery					
Test Duration: 60					
Test Level: 26.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934657802					
Test Type: Recovery					
Test Duration: 45					
Test Level: 62.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934114228					
Test Type: Recovery					
Test Duration: 15					
Test Level: 134.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934397842					
Test Type: Recovery					
Test Duration: 30					
Test Level: 98.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 934042609					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 160.0					
Water Found Depth UOM: ft					
12	1 of 1	NE/0.0	111.9 / -5.00	lot 25 con 4 ON	WWIS
Well ID: 1530757					
Construction Date:					
Use 1st: Domestic					
Use 2nd:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 208218					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 09/21/1999					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3323					
Form Version: 1					
Owner:					
County: OTTAWA-CARLETON					
Lot: 025					
Concession: 04					
Concession Name: RF					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530757.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/04/1999			
Year Completed:		1999			
Depth (m):		36.576			
Latitude:		45.2896018923247			
Longitude:		-75.8005421938908			
X:		-75.80054203290432			
Y:		45.28960188529131			
Path:		153\1530757.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10052291		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				437223.70	
Cluster Kind:				North83:	
Date Completed:		09/04/1999		5015434.00	
Remarks:				Org CS:	
Location Method Desc:		Lot centroid		UTMRC:	
Elevrc Desc:				9	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				unknown UTM	
Improvement Location Method:				Location Method:	
Source Revision Comment:				lot	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931076505			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		45.0			
Formation End Depth:		120.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931076503			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931076504			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933115908			
Layer:		1			
Plug From:		0.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961530757			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10600861			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930091288			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530757			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		8.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934663539			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385716			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		21.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934120095			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		45.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903271			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		10.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933491001			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933491002			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110.0			
Water Found Depth UOM:		ft			

13	1 of 1	NE/0.0	111.9 / -5.00	lot 25 con 4 ON	WWIS
Well ID:	1530383			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Abandoned-Other			Date Received:	12/18/1998
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	192653			Contractor:	2558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	025
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530383.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/24/1998
Year Completed: 1998
Depth (m):
Latitude: 45.289601919138
Longitude: -75.800538368576
X: -75.80053820787913
Y: 45.289601912466544
Path: 153\1530383.pdf

Bore Hole Information

Bore Hole ID: 10051918
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/24/1998
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 437224.00
North83: 5015434.00
Org CS: N83
UTMRC: 8
UTMRC Desc: margin of error : 3 km - 10 km
Location Method: lot

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933115527			
Layer:		2			
Plug From:		0.0			
Plug To:		40.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933115526			
Layer:		1			
Plug From:		40.0			
Plug To:		68.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961530383			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600488			
Casing No:		1			
Comment:					
Alt Name:					
<hr/>					
14	1 of 1	SSW/0.0	116.7 / -0.18	lot 24 con 4 ON	WWIS
Well ID:	1506105			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Industrial			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/14/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506105.pdf				
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Well Completed Date:		01/06/1966			
Year Completed:		1966			
Depth (m):		21.336			
Latitude:		45.2832554366769			
Longitude:		-75.8044439533989			
X:		-75.80444379182343			
Y:		45.283255430390305			
Path:		150\1506105.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028148		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				436910.70	
Cluster Kind:				North83:	
Date Completed:		01/06/1966		5014732.00	
Remarks:				Org CS:	
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003800			
Layer:		1			
Color:					
General Color:					
Material 1:		01			
Material 1 Desc:		FILL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931003801			
Layer:		2			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961506105				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10576718				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930049044				
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				
<u>Construction Record - Casing</u>					
Casing ID:	930049043				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	13.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991506105				
Pump Set At:					
Static Level:	20.0				
Final Level After Pumping:	50.0				
Recommended Pump Depth:	65.0				
Pumping Rate:	8.0				
Flowing Rate:					
Recommended Pump Rate:	1.0				
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				
<u>Water Details</u>					

15 1 of 1 NE/26.5 109.9 / -7.00 lot 25 con 4 ON WWIS

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518657.pdf

Well Completed Date: 08/15/1983
Year Completed: 1983
Depth (m): 45.72
Latitude: 45.2922034439488
Longitude: -75.7979516998533
X: -75.79795153840043
Y: 45.29220343707344
Path: 151\1518657.pdf

Bore Hole ID:	10040527	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437429.70
Code OB Desc:		North83:	5015721.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	08/15/1983	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039108			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		11.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039106			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039107			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		8.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518657			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589097			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930070749				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	22.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930070751				
Layer:	3				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	150.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930070750				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	100.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991518657				
Pump Set At:					
Static Level:	30.0				
Final Level After Pumping:	100.0				
Recommended Pump Depth:	125.0				
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:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test Detail ID:		934103969			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649955			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899494			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379974			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475423			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475424			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		145.0			
Water Found Depth UOM:		ft			
<hr/>					
16	1 of 1	NE/99.8	108.7 / -8.15	ON	BORE
Borehole ID:	610589			Inclin FLG:	No
OGF ID:	215512102			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.292311
Total Depth m:	-999			Longitude DD:	-75.796921

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	437511
Drill Method:				Northing:	5015732
Orig Ground Elev m:	106			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	107				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385954			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK,SANDSTONE. 0075STONE. GREY. LIMESTONE. GREY. 001350005000150ROCK. SEISMIC VE			
		**Note: Many records provided by the department have a truncated [Stratum Description] field.			
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 030970 NTS_Sheet: 31G05C			
Confiden 1:		Reliable information but incomplete.			
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
<hr/>					
17	1 of 1	NE/122.2	108.2 / -8.68	lot 25 con 4 ON	WWIS
Well ID:	1506118			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/10/1967
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1503
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	025
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):				https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506118.pdf	
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:				09/21/1967	
Year Completed:				1967	
Depth (m):				18.8976	
Latitude:				45.2930751574722	
Longitude:				-75.7968671595432	
X:				-75.79686699904977	
Y:				45.293075150391545	
Path:				150\1506118.pdf	
<u>Bore Hole Information</u>					
Bore Hole ID:				10028161	
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:				09/21/1967	
Remarks:					
Location Method Desc:				Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m	
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:				931003827	
Layer:				1	
Color:					
General Color:					
Material 1:				18	
Material 1 Desc:				SANDSTONE	
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:				0.0	
Formation End Depth:				62.0	
Formation End Depth UOM:				ft	
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:				961506118	
Method Construction Code:				1	
Method Construction:				Cable Tool	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576731			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049069			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049070			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		62.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506118			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460202			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	SW/160.6	118.9 / 2.05	965 MOODIE DRIVE lot 24 con 4 NEPEAN ON	WWIS
Well ID:		1535311	Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:		Domestic	Data Entry Status:		
Use 2nd:			Data Src:		
Final Well Status:		Water Supply	Date Received:		01/10/2005
Water Type:			Selected Flag:		TRUE
Casing Material:			Abandonment Rec:		
Audit No:		Z14700	Contractor:		1119
Tag:		A023103	Form Version:		3
Constructn Method:			Owner:		
Elevation (m):			County:		OTTAWA-CARLETON
Elevatn Reliabilty:			Lot:		024
Depth to Bedrock:			Concession:		04
Well Depth:			Concession Name:		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535311.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/17/2004			
Year Completed:		2004			
Depth (m):		67.05			
Latitude:		45.2826428953516			
Longitude:		-75.8070581249574			
X:		-75.80705796394548			
Y:		45.282642888517906			
Path:		153\1535311.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11328957	Elevation:		
DP2BR:			Elevrc:		
Spatial Status:			Zone:		18
Code OB:			East83:		436705.00
Code OB Desc:			North83:		5014666.00
Open Hole:			Org CS:		UTM83
Cluster Kind:			UTMRC:		9
Date Completed:		12/17/2004	UTMRC Desc:		unknown UTM
Remarks:			Location Method:		wwr
Location Method Desc:		on Water Well Record			
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:		932996074			
Layer:		2			
Color:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		1.5199999809265137			
Formation End Depth:		48.7599983215332			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996073			
Layer:		1			
Color:					
General Color:					
Material 1:		26			
Material 1 Desc:		ROCK			
Material 2:		02			
Material 2 Desc:		TOPSOIL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.5199999809265137			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996075			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		18			
Material 2 Desc:		SANDSTONE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		48.7599983215332			
Formation End Depth:		67.05000305175781			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933284277			
Layer:		1			
Plug From:		6.090000152587891			
Plug To:		0.0			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961535311			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		11343812			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855049			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.090000152587891			
Depth To:		67.05000305175781			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855048			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		6.699999809265137			
Casing Diameter:		15.880000114440918			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11353731			
Pump Set At:		36.56999969482422			
Static Level:		4.650000095367432			
Final Level After Pumping:		17.649999618530273			
Recommended Pump Depth:		36.56999969482422			
Pumping Rate:		91.0			
Flowing Rate:					
Recommended Pump Rate:		91.0			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515421			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		7.650000095367432			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515427			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515403			
Test Type:		Recovery			
Test Duration:		0			
Test Level:		16.649999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515412			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		15.510000228881836			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515406			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		9.649999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515410			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.5600004196167			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515423			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		5.53000020980835			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515404			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		6.099999904632568			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515408			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		12.100000381469727			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515409			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		13.119999885559082			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515416			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17.649999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515402			
Test Type:		Draw Down			
Test Duration:		0			
Test Level:		4.650000095367432			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515414			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		17.100000381469727			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515417			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		12.199999809265137			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515420			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515422			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		6.429999828338623			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		11515429			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515407			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		11.279999732971191			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515415			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		17.43000030517578			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515419			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		8.890000343322754			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515425			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515428			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515405			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		8.699999809265137			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515411			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		14.649999618530273			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515413			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.299999237060547			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515418			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		9.890000343322754			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515426			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11515424			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		4.639999866485596			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934069438			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		64.0			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934069437			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		56.380001068115234			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11533319			
Diameter:		15.229999542236328			
Depth From:		0.0			
Depth To:		67.05000305175781			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 1	SSW/161.1	117.9 / 1.00	985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON	WWIS
<div><div><div>Well ID:7181163</div><div>Construction Date:</div><div>Use 1st:Domestic</div><div>Use 2nd:</div><div>Final Well Status:Water Supply</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:Z128540</div><div>Tag:A127976</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:NEPEAN TOWNSHIP</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:</div><div>Date Received:05/18/2012</div><div>Selected Flag:TRUE</div><div>Abandonment Rec:</div><div>Contractor:1119</div><div>Form Version:7</div><div>Owner:</div><div>County:OTTAWA-CARLETON</div><div>Lot:023</div><div>Concession:04</div><div>Concession Name:RF</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181163.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/24/2012			
Year Completed:		2012			
Depth (m):		36.576			
Latitude:		45.28041921171			
Longitude:		-75.8058280734824			
X:		-75.8058279113037			
Y:		45.28041920536889			
Path:		718\7181163.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1003789306		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				436799.00	
Cluster Kind:				North83:	
Date Completed:		04/24/2012		5014418.00	
Remarks:				Org CS:	
Location Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				4	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 30 m - 100 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004313927			
Laver:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		112.0			
Formation End Depth:		120.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004313923			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004313922			
Layer:		1			
Color:					
General Color:					
Material 1:		26			
Material 1 Desc:		ROCK			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004313924			
Layer:		3			
Color:					
General Color:					
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004313926			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		109.0			
Formation End Depth:		112.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004313925			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		109.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004313962			
Layer:		1			
Plug From:		38.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004313961			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004313920			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004313931			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		1004313932			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		38.0			
Depth To:		120.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1004313933			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1004313921			
Pump Set At:		100.0			
Static Level:		16.41699981689453			
Final Level After Pumping:		86.58300018310547			
Recommended Pump Depth:		100.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		8.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313948			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		72.5			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1004313959			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313944			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		60.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313947			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		18.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313949			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313950			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		77.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313951			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313958			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		86.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313946			
Test Type:		Draw Down			
Test Duration:		15			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		66.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313941			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		48.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313945			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		29.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313943			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		45.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313954			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		81.66699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313957			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313934			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		25.41699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313953			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		16.41699981689453			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313935			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		66.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313936			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		30.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313937			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		60.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313938			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313939			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		55.58300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313940			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		39.08300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313942			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		43.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313952			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Duration:		30			
Test Level:		78.41699981689453			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313955			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		16.41699981689453			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004313956			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		83.25			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1004313930			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		112.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		1004313929			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		109.0			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1004313928			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		120.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
<u>20</u>	1 of 1	SW/161.6	118.9 / 2.05	7 OSBOURNE ROAD lot 3 con 6 ATHENS ON	WWIS
Well ID:	3616379			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	03/14/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z14696			Contractor:	1119
Tag:	A023082			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	LEEDS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevatn Reliability:			Lot:	003	
Depth to Bedrock:			Concession:	06	
Well Depth:			Concession Name:		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:					
Site Info:					
ATHENS VILLAGE					
<u>Bore Hole Information</u>					
Bore Hole ID:			11320814	Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	436704.00
Code OB Desc:				North83:	5014666.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	9
Date Completed:			12/22/2004	UTMRC Desc:	unknown UTM
Remarks:				Location Method:	wwr
Location Method Desc:			on Water Well Record		
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:			933012693		
Layer:			2		
Color:			2		
General Color:			GREY		
Material 1:			18		
Material 1 Desc:			SANDSTONE		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			1.2100000381469727		
Formation End Depth:			25.600000381469727		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			933012692		
Layer:			1		
Color:					
General Color:					
Material 1:			02		
Material 1 Desc:			TOPSOIL		
Material 2:			81		
Material 2 Desc:			SANDY		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			1.2100000381469727		
Formation End Depth UOM:			m		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933012694			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.600000381469727			
Formation End Depth:		39.619998931884766			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933266045			
Layer:		1			
Plug From:		6.090000152587891			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		963616379			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11335669			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930862624			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.090000152587891			
Depth To:		39.619998931884766			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930862623			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:		0.0			
Depth To:		6.699999809265137			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		15.279999732971191			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11348660			
Pump Set At:		30.469999313354492			
Static Level:		2.5399999618530273			
Final Level After Pumping:		2.5399999618530273			
Recommended Pump Depth:		30.469999313354492			
Pumping Rate:		91.0			
Flowing Rate:					
Recommended Pump Rate:		91.0			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361759			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.81999933242798			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361764			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.369999885559082			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361769			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.7300000190734863			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361767			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.5999999046325684			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361780			
Test Type:		Recovery			
Test Duration:		15			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		2.680000066757202			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361771			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		2.609999895095825			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361776			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.009999990463257			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361777			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.240000009536743			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361760			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.5299999713897705			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361762			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.4100000858306885			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361774			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		2.950000047683716			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361778			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		3.130000114440918			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361763			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.9000000953674316			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361766			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		3.7699999809265137			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361770			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.6500000953674316			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361772			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.700000047683716			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361773			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		2.5399999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361768			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		2.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361775			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.3299999237060547			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361761			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Duration:		1			
Test Level:		3.1500000953674316			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361765			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.819999933242798			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11361779			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2.8499999046325684			
Test Level UOM:		m			
 <u>Water Details</u>					
Water ID:		934058401			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		22.239999771118164			
Water Found Depth UOM:		m			
 <u>Water Details</u>					
Water ID:		934058402			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		37.790000915527344			
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		11539758			
Diameter:		15.229999542236328			
Depth From:		0.0			
Depth To:		39.619998931884766			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
<u>21</u>	1 of 1	NNE/174.8	109.9 / -7.00	ON	BORE
Borehole ID:	848317			Inclin FLG:	No
OGF ID:	215589947			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	18-OCT-1988			Municipality:	
Static Water Level:				Lot:	LOT 26
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.294047
Total Depth m:	9.7			Longitude DD:	-75.798229
Depth Ref:	Ground Surface			UTM Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	 Hollow stem auger 107 106 	 CON 4	 	Easting: Northing: Location Accuracy: Accuracy:	 437410 5015926 Within 50 metres
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	 6560624 1.2 9.7 Grey Sandstone Bedrock Weathered 	 	 	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
SANDSTONE BEDROCK FAINTLY WEATHERED VERY THIN TO THICKLY BEDDED GREY, SOME SHLE PARTINGS THROUGHOUT CORE, SOME NEAR VERTICAL ROUGH OPEN JOINTS MARCH FORMATION **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	 6560623 .2 1.2 Brown Sand Gravel Silt 	 	 	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
SAND GRAVEL AND SOME SILT COMPACT TO DENSE BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	 6560622 0 .2 Topsoil 	 	 	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.					
22	1 of 1	W/197.9	118.9 / 2.00	MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock:	 7248741 Abandoned-Other Z191491 	 	 	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession:	 09/22/2015 TRUE Yes 1119 7 OTTAWA-CARLETON 025 04

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7248741.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/28/2015			
Year Completed:		2015			
Depth (m):					
Latitude:		45.2864113453175			
Longitude:		-75.8075068629105			
X:		-75.80750670160674			
Y:		45.28641133841184			
Path:		724\7248741.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1005698654		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				436674.00	
Cluster Kind:				North83:	
Date Completed:		07/28/2015		5015085.00	
Remarks:				Org CS:	
Location Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				4	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 30 m - 100 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005723628			
Layer:		2			
Plug From:		10.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005723629			
Layer:		3			
Plug From:		9.0			
Plug To:		7.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005723626			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Plug From:		0.0			
Plug To:		12.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005723632			
Layer:		6			
Plug From:		4.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005723630			
Layer:		4			
Plug From:		7.0			
Plug To:		6.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005723627			
Layer:		1			
Plug From:		12.0			
Plug To:		10.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005723631			
Layer:		5			
Plug From:		6.0			
Plug To:		4.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005723625			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005723619			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005723623			
Layer:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005723624			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1005723622			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005723621			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
23	1 of 1	NE/203.9	107.7 / -9.15	ON	BORE
Borehole ID:		848316		Inclin FLG:	No
OGF ID:		215589946		SP Status:	Initial Entry
Status:		Decommissioned		Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:		Geotechnical/Geological Investigation		Primary Name:	
Completion Date:		24-OCT-1988		Municipality:	
Static Water Level:				Lot:	LOT 26
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.294136
Total Depth m:		6.8		Longitude DD:	-75.797069
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	437501
Drill Method:		Hollow stem auger		Northing:	5015935
Orig Ground Elev m:		106		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 50 metres
DEM Ground Elev m:		105			
Concession:		CON 4			
Location D:					
Survey D:					
Comments:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6560619			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560620			Mat Consistency:	Compact
Top Depth:	.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Grey-Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	sand silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND SOME GRAVEL TRACE CLAY GLACIAL TILL COMPACT TO GREY BROWN VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560621			Mat Consistency:	
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	6.8			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sandstone			Geologic Formation:	
Material 2:	Bedrock			Geologic Group:	
Material 3:	Weathered			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SANSTONE BEDROCK FAINTLY WEATHERED VERY THIN TO THICKLY BEDDED GREY, SOME MODERATELY TO HIGHLY WEATHERED SEAMS BEDDING NEAR HORIZONTAL MARCH FORMATION **Note: Many records provided by the department have a truncated [Stratum Description] field.				
24	1 of 1	E/212.1	113.9 / -3.00	lot 24 con 4 ON	WWIS
Well ID:	1532254			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	09/20/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	234297			Contractor:	1119
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	024
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532254.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/26/2001			
Year Completed:		2001			
Depth (m):		42.672			
Latitude:		45.286114461383			
Longitude:		-75.7985217512161			
X:		-75.79852158984357			
Y:		45.2861144540412			
Path:		153\1532254.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10516704			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	437378.30
Code OB Desc:				North83:	5015045.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	07/26/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		932832298			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832297			
Layer:		1			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219704			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532254			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065274			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094436			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930094437			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094438			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991532254			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		120.0			
Pumping Rate:		15.0			
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:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660375			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116239			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399853			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917261			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008406			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		134.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	1 of 1	E/214.0	112.8 / -4.04	lot 24 con 4 ON	WWIS
Well ID:		1530498	Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:		Livestock	Data Entry Status:		
Use 2nd:			Data Src: 1		
Final Well Status:		Observation Wells	Date Received: 05/14/1999		
Water Type:			Selected Flag: TRUE		
Casing Material:			Abandonment Rec:		
Audit No:		194829	Contractor: 1558		
Tag:			Form Version: 1		
Constructn Method:			Owner:		
Elevation (m):			County: OTTAWA-CARLETON		
Elevatn Reliabilty:			Lot: 024		
Depth to Bedrock:			Concession: 04		
Well Depth:			Concession Name: RF		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530498.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/14/1999			
Year Completed:		1999			
Depth (m):		60.96			
Latitude:		45.2861056123322			
Longitude:		-75.7984999494671			
X:		-75.7984997877396			
Y:		45.286105605061366			
Path:		153\1530498.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10052033	Elevation:		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 18		
Code OB:			East83: 437380.00		
Code OB Desc:			North83: 5015044.00		
Open Hole:			Org CS: N83		
Cluster Kind:			UTMRC: 8		
Date Completed:		04/14/1999	UTMRC Desc: margin of error : 3 km - 10 km		
Remarks:			Location Method: lot		
Location Method Desc:		Lot centroid			
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:		931075695			
Layer:		1			
Color:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075697			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		9.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075696			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		91			
Material 3 Desc:		WATER-BEARING			
Formation Top Depth:		6.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931075698			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		165.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931075699			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		90			
Material 2 Desc:		VERY			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		165.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933115647			
Layer:		1			
Plug From:		20.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961530498			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600603			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930090753			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930090754			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200.0			
Casing Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530498			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		301.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385066			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934118890			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934663029			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934902199			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933490661			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		189.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933490660			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		129.0			
Water Found Depth UOM:		ft			
26	1 of 1	E/215.6	112.8 / -4.04	lot 24 con 4 ON	WWIS
Well ID:		1522454		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: 07/22/1988	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:		32848		Contractor: 1558	
Tag:				Form Version: 1	
Constructn Method:				Owner:	
Elevation (m):				County: OTTAWA-CARLETON	
Elevatn Reliabilty:				Lot: 024	
Depth to Bedrock:				Concession: 04	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522454.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/09/1988			
Year Completed:		1988			
Depth (m):		45.72			
Latitude:		45.2861057638759			
Longitude:		-75.7984782740038			
X:		-75.79847811229727			
Y:		45.286105757378415			
Path:		152\1522454.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10044266		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 437381.70	
Code OB Desc:				North83: 5015044.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 9	
Date Completed:		05/09/1988		UTMRC Desc: unknown UTM	
Remarks:				Location Method: lot	
Location Method Desc:		Lot centroid			
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		931051490			
Layer:		2			
Color:		1			
General Color:		WHITE			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		74			
Material 2 Desc:		LAYERED			
Material 3:		90			
Material 3 Desc:		VERY			
Formation Top Depth:		4.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931051489			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		81			
Material 3 Desc:		SANDY			
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961522454			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10592836			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930077426			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930077429			
Layer:		4			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930077428			
Layer:		3			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		125.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930077427			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991522454			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		100.0			
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:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934385243					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934110377					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934655608					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934904013					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 50.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933480353					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 26.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933480354					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 145.0					
Water Found Depth UOM: ft					
27	1 of 9	SSW/233.0	117.9 / 1.00	Primo Developments Inc. 985 Moodie Dr S Ottawa ON K2R 1H4	ECA
Approval No: 5011-94WQDW					
Approval Date: 2013-03-25					
Status: Approved					
Record Type: ECA					
Link Source: IDS					
SWP Area Name:					
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS					
Project Type: INDUSTRIAL SEWAGE WORKS					
MOE District:					
City:					
Longitude:					
Latitude:					
Geometry X:					
Geometry Y:					

97 erisinfo.com | Environmental Risk Information Services Order No: 24061700176

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES Waste Class: 263 Waste Class Name: ORGANIC LABORATORY CHEMICALS					
27	5 of 9	SSW/233.0	117.9 / 1.00	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES					
27	6 of 9	SSW/233.0	117.9 / 1.00	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
27	7 of 9	SSW/233.0	117.9 / 1.00	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No:		ON8460962			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
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:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
27	8 of 9	SSW/233.0	117.9 / 1.00	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No:		ON8460962			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
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:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		148 C			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
27	9 of 9	SSW/233.0	117.9 / 1.00	FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4	GEN
Generator No:		ON8460962			
SIC Code:					
SIC Description:					
Approval Years:		As of Nov 2021			
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:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		148 L			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
28	1 of 1	NE/250.0	105.6 / -11.30	lot 25 con 4 ON	WWIS
Well ID:		1506115		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	
Tag:				Form Version:	
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:	
Clear/Cloudy:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506115.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/30/1962			
Year Completed:		1962			
Depth (m):		23.1648			
Latitude:		45.2936699744711			
Longitude:		-75.7954726361459			
X:		-75.79547247457683			
Y:		45.2936699674886			
Path:		150\1506115.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10028158	Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone:		18	
Code OB:		East83:		437625.70	
Code OB Desc:		North83:		5015882.00	
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:		5	
Date Completed:	08/30/1962	UTMRC Desc:		margin of error : 100 m - 300 m	
Remarks:		Location Method:		p5	
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
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:	931003821				
Layer:	1				
Color:					
General Color:					
Material 1:	02				
Material 1 Desc:	TOPSOIL				
Material 2:	09				
Material 2 Desc:	MEDIUM SAND				
Material 3:	13				
Material 3 Desc:	BOULDERS				
Formation Top Depth:	0.0				
Formation End Depth:	12.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003822				
Layer:	2				
Color:					
General Color:					
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		76.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961506115			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10576728			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930049064			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		76.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930049063			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506115			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		12.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460199			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		76.0			
Water Found Depth UOM:		ft			

Unplottable Summary

Total: 17 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 24 Con 4	Nepean ON	
CA	Loblaws	Lot 24, Conc. 11, Block 32, Plan 4M- 1103	Ottawa ON	
CA	Loblaws	Lot 24, Conc. 11, Block 32, Plan 4M- 1103	Ottawa ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
CONV	CEDARHILL GOLF ENTERPRISES INC		ON	
GEN	NATIONAL CAPITAL COMMISSION	LOT 25,26,27	OTTAWA ON	K1P 1C7
LIMO	Gloucester Sand and Gravel Limited Waste Disposal Site	Lot 26, Concession 4	Ottawa ON	
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4 Ottawa	ON	
PTTW	R.W. Tomlinson Limited	Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER	ON	
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4, Ottawa Ottawa	ON	
WWIS		lot 25	ON	
WWIS		lot 23	ON	
WWIS		lot 25	ON	
WWIS		lot 24	ON	
WWIS		lot 23	ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	

Unplottable Report

Site: Lot 24 Con 4 Nepean ON

Database:
AAGR

Type: Quarry
Region/County: Ottawa-Carleton
Township: Nepean
Concession: 4
Lot: 24
Size (ha): 9
Landuse:
Comments:

Site: Loblaws
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 4714-4UUTU4
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepoin Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Sanitary and storm sewers to be constructed on Easement, Part 23, Plan 4R-16275
Contaminants:
Emission Control:

Site: Loblaws
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 5813-4UUTBU
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepoin Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Watermains to be constructed on Easement, Part 24, Plan 4R- 16275
Contaminants:
Emission Control:

Site: Brandon James Amell
Highway 416 Ottawa ON

Database:
CONV

File No:		Location:
Crown Brief No:		Region:
Court Location:	Ottawa	Ministry District:
Publication City:		
Publication Title:		Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act:		Environmental Protection Act

Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:

Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.

Description:

The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.

Background:

Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.

On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.

Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.

It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.

URL:

The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.
<https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date: October 15, 2019 4:00 P.M.

Count:

Act:

Regulation:

Section:

Act/Regulation/Section:

Date of Offence: On or about April 11, 2018

Date of Conviction: September 18, 2019

Date Charged:

Charge Disposition:

Fine: \$500

Synopsis:

Site: CEDARHILL GOLF ENTERPRISES INC
ON

Database:
CONV

File No:

Crown Brief No: 98-0000-9004

Court Location:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

Background:

URL:

THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS

Additional Details

Publication Date:

Count:

Act:

Regulation:

Section:

Act/Regulation/Section:

1

OWRA

34(8)

OWRA- -34(8)

Location:

Region:

Ministry District:

EASTERN REGION

Date of Offence:
Date of Conviction:
Date Charged: 9/11/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: NATIONAL CAPITAL COMMISSION
LOT 25,26,27 OTTAWA ON K1P 1C7

Database:
GEN

Generator No: ON9920165
SIC Code: 712190
SIC Description: Other Heritage Institutions
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: Gloucester Sand and Gravel Limited Waste Disposal Site
Lot 26, Concession 4 Ottawa ON

Database:
LIMO

ECA/Instrument No: A460706
Operation Status: Closed

C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type:
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details:
Service Area:
Page URL:

Natural Attenuation:

Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
Region: Eastern
District Office: Ottawa
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Gloucester Sand and Gravel Limited Waste Disposal Site

Site: Courtyard Developments Incorporated

Database:
PTTW

Lot 23, Concession 4 Ottawa ON

EBR Registry No:	IA04E1672	Decision Posted:
Ministry Ref No:	ER-6311-677S8H	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	April 01, 2005	Act 2:
Proposal Date:	November 30, 2004	Site Location Map:
Year:	2004	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name:		
Posted By:		
Company Name:	Courtyard Developments Incorporated	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0	
Comment Period:		
URL:		

Site Location Details:

Lot 23, Concession 4 Ottawa

Site: **R.W. Tomlinson Limited**
Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER ON

Database:
PTTW

EBR Registry No:	011-4540	Decision Posted:
Ministry Ref No:	3648-8L7M3P	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	December 18, 2014	Act 2:
Proposal Date:	September 01, 2011	Site Location Map:
Year:	2011	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name:		
Posted By:		
Company Name:	R.W. Tomlinson Limited	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	5597 Power Road, RR #6, Ottawa Ontario, K1G 3N4	
Comment Period:		
URL:		

Site Location Details:

Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER

Site: **Courtyard Developments Incorporated**
Lot 23, Concession 4, Ottawa Ottawa ON

Database:
PTTW

EBR Registry No:	IA05E0429	Decision Posted:
Ministry Ref No:	ER-1113-6AYSQL	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	July 22, 2005	Act 2:
Proposal Date:	April 05, 2005	Site Location Map:
Year:	2005	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name:		
Posted By:		
Company Name:	Courtyard Developments Incorporated	
Site Address:		

Location Other:**Proponent Name:****Proponent Address:** 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0**Comment Period:****URL:****Site Location Details:**

Lot 23, Concession 4, Ottawa Ottawa

Site:

lot 25 ON

Database:

WWIS

Well ID:	3611197	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:	02/22/1990
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	53230	Contractor:	1119
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	LEEDS
Elevatn Reliability:		Lot:	025
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:	ATHENS VILLAGE		
Site Info:			

Bore Hole Information

Bore Hole ID:	10224584	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/05/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location 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:	931699885
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931699886
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933154745
Layer: 1
Plug From: 4.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 963611197
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10773154
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930379180
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 993611197
Pump Set At:
Static Level: 15.0

Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 25.0
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: 934749167
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934209652
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935000779
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934488212
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933689174
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 61.0
Water Found Depth UOM: ft

Water Details

Water ID: 933689175
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 77.0
Water Found Depth UOM: ft

Site:

lot 23 ON

Database:

WWIS

Well ID: 3612803
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 130767
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ATHENS VILLAGE
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/23/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: LEEDS
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10226187
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/16/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

**Overburden and Bedrock
Materials Interval**

Formation ID: 931704243
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931704242
Layer: 1
Color:

General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933155900
Layer: 1
Plug From: 2.0
Plug To: 42.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 963612803
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10774757
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930381397
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

Construction Record - Casing

Casing ID: 930381399
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 80.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930381398
Layer: 2
Material:

Open Hole or Material:**Depth From:****Depth To:** 42.0**Casing Diameter:** 9.0**Casing Diameter UOM:** inch**Casing Depth UOM:** ft**Results of Well Yield Testing****Pumping Test Method Desc:** PUMP**Pump Test ID:** 993612803**Pump Set At:****Static Level:** 15.0**Final Level After Pumping:** 50.0**Recommended Pump Depth:** 60.0**Pumping Rate:** 18.0**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:** 1**Pumping Duration HR:** 1**Pumping Duration MIN:** 0**Flowing:** No**Draw Down & Recovery****Pump Test Detail ID:** 934215716**Test Type:** Draw Down**Test Duration:** 15**Test Level:** 50.0**Test Level UOM:** ft**Draw Down & Recovery****Pump Test Detail ID:** 934484950**Test Type:** Draw Down**Test Duration:** 30**Test Level:** 50.0**Test Level UOM:** ft**Draw Down & Recovery****Pump Test Detail ID:** 934746452**Test Type:** Draw Down**Test Duration:** 45**Test Level:** 50.0**Test Level UOM:** ft**Draw Down & Recovery****Pump Test Detail ID:** 935005867**Test Type:** Draw Down**Test Duration:** 60**Test Level:** 50.0**Test Level UOM:** ft**Water Details****Water ID:** 933691913**Layer:** 1**Kind Code:** 5

Kind: Not stated
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1523747
Construction Date:
Use 1st: Industrial
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/04/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/12/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 82
Material 2 Desc: SHALY
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
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: 991523747
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0

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: 934651310
Test Type:
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:
lot 24 ON

Database:
WWIS

Well ID: 1534384

Flowing (Y/N):

Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 265843
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/16/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097434
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/22/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534384
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101149
Casing No: 1
Comment:
Alt Name:

Site: lot 23 ON

Database:
 WWIS

Well ID: 3609483
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/20/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1

Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ATHENS VILLAGE
Site Info:

Owner:
County: LEEDS
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10222872
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/19/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931695429
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931695430
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 104.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963609483
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10771442
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930377053
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 993609483
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 80.0
Pumping Rate: 16.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935003463
Test Type: Draw Down
Test Duration: 60
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934482101
Test Type: Draw Down
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744199
Test Type: Draw Down
Test Duration: 45
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934213285
Test Type: Draw Down
Test Duration: 15
Test Level: 70.0
Test Level UOM: ft

Water Details

Water ID: 933686533
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 73.0
Water Found Depth UOM: ft

Water Details

Water ID: 933686534
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 95.0
Water Found Depth UOM: ft

Site:

lot 25 ON

Database:
WWIS

Well ID: 1528551
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 137549
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/17/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050087
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:

Cluster Kind:		UTMRC:	9
Date Completed:	06/20/1995	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location 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:	931070012
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	02
Material 2 Desc:	TOPSOIL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931070013
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	71
Material 2 Desc:	FRACTURED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	71.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

Method of Construction & Well
Use

Method Construction ID:	961528551
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10598657
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930087550
Layer:	2
Material:	4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087549
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74.0
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: 991528551
Pump Set At:
Static Level: 48.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
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: 934906465
Test Type: Recovery
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104721
Test Type: Recovery
Test Duration: 15
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388346
Test Type: Recovery
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648862
Test Type: Recovery
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933488281
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1525383
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100018
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/29/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047121
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/11/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931060969
Layer: 3
Color: 2
General Color: GREY

Material 1: 28
Material 1 Desc: SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060968
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 86
Material 2 Desc: STICKY
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060970
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060967
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 68
Material 2 Desc: DRY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060971

Layer: 5
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525383
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082495
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082494
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.0
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: 991525383
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 75.0
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387617
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648157
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112212
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905756
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933484357
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 165.0
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 quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:Private [CNG](#)

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

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:Provincial [CONV](#)

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

Government Publication Date: 1989-Mar 2024

Certificates of Property Use:Provincial [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 - Mar 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2024

Environmental Registry:

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Apr 30, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System:

Federal

[EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022**List of Expired Fuels Safety Facilities:**

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: 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***Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021**Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian 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.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2024**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Apr 30, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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 Handlers from NPRI:

Federal

PFHA

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

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: 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).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Feb 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS



PATERSON GROUP

solution oriented engineering

Mark Bujaki, B.Sc., MBA Junior Environmental Scientist

Mark joined Paterson Group in 2024 as part of the Environmental Division. Mark received his Bachelor of Science from Carleton University in 2016, his Master of Business Administration from the Sprott School of Business in 2018 and a Graduate Certificate in Environmental Management and Assessment from Algonquin College in 2019. In his time at Paterson, Mark has been involved in residential and commercial projects within Ontario and Quebec. He has completed environmental sampling programs, Phase I environmental site assessments, excess soil testing and the associate reporting. His scope of work consists of environmental investigation and reporting, field inspections, soil and groundwater sampling, remediation supervision, and ensuring compliance to applicable regulatory standards.

EDUCATION

Honours Bachelor of Science Earth Sciences
Minor in Biology
2016
Carleton University

Master of Business Administration
2018
Carleton University

Graduate Certificate: Environmental Management
and Assessment
2019
Algonquin College

YEARS OF EXPERIENCE

4 years

Thomas Cavanagh Construction
Environmental Technician
4 years

Paterson Group
2024-Present

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- Kanata South Link, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, Permit to Take Water Monitoring and Reporting
- Strandherd Dr. Widening, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, PTTW Monitoring and Reporting
- Kennedy Burnett Stormwater Management Pond Retrofit, Ottawa, ON – Groundwater Monitoring, Fish Salvage, Erosion and Sediment Control, Species at Risk Monitoring
- Eagleson Rd Watermain Repair, Ottawa, ON – Monitoring and testing groundwater for compliance with City of Ottawa Sewer use agreement
- Valley Drive Sewer Reconstruction, Ottawa, ON – Erosion and Sediment Control, SSA Compliance and EASR Reporting
- Kanata West Development, Ottawa, ON – Water Quality Monitoring, Erosion and Sediment Control
- Environmental Compliance Approvals - Various, ON – Site Inspections, Water Quality Testing, ESC, Operational Functionality
 - Canadian Nuclear Laboratories - Near Surface Disposal Facility, Chalk River, ON – Environmental Plan Supervision and Consultation

PROFESSIONAL EXPERIENCE

2024 to present, **Junior Environmental Scientist, Paterson Group, Ottawa, Ontario**

- Conducting Phase I Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Presenting analytical test results, interpretations, assessments, recommendations, and conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil classification, soil and groundwater field sampling.
- Liaising with clients, contractors, and consultants.

2019 to 2024, **Environmental Technician, Thomas Cavanagh Construction, Ottawa, Ontario**

- Water and soil sampling for laboratory submission.
- Interpreting and reporting analytical test results.
- Erosion and sediment control plan development and implementation.
- Nesting bird and wildlife surveys / species at risk monitoring.
- Actively coordinated daily between multiple foremen, project managers, contract administrators and project owners to ensure project needs are satisfied.
- Reviewing and consulting on environmental policies and best practices as part of a multi-stakeholder partnership.
- Planning, permitting, and leading for and conducting fish salvages in rivers, creeks and stormwater management ponds, using backpack electrofisher.
- Environmental compliance with City of Ottawa, Lanark County, Renfrew County, Provincial legislation, and Federal Legislation
- Spill remediation planning and implementation.
- EASR and PTTW application, monitoring, and compliance.



PATERSON GROUP

solution oriented engineering



Mark S. D'Arcy, P.Eng., QP_{ESA} **Director – Environmental Division**

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

LICENCE/PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

YEARS OF EXPERIENCE

With Paterson: 33

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

PROFESSIONAL EXPERIENCE

2001 to present, Manager of Environmental Division, Paterson Group Inc., Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, Geotechnical and Environmental Engineer, Paterson Group Inc., Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.