#### Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

**Materials Testing** 

**Building Science** 

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## **Phase I - Environmental Site Assessment**

1015-1045 Dairy Drive Ottawa, Ontario

**Prepared For** 

**TBROS** Limited

#### Paterson Group Inc.

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Report: PE5609-1

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## EXECUTIVE SUMMARY

### Assessment

Paterson Group was retained by TBROS Limited to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1015-1045 Dairy Drive, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

Based on a review of available historical information, the Phase I Property has never been formally developed, and has historically existed as either agricultural or vacant land. During the development of the adjacent property to the north in the 1990's, it was reported that the topsoil was stripped from the land and stockpiled on the Phase I Property. Based on the nature of the material, its native origins, as well as observations made during a previous geotechnical investigation, this imported soil is not considered to pose an environmental concern to the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for a combination of commercial, light-industrial, community, and residential purposes. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Presently, the Phase I Property is vacant and consists largely of grassland with occasional trees. No environmental concerns were identified with respect to the current use of the Phase I Property.

The surrounding lands within the vicinity of the Phase I Property consist mainly of a combination of commercial, light-industrial, community, and residential purposes. No environmental concerns were identified with respect to the current use of the neighbouring properties.

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

### Recommendations

As previously noted, there is a significant volume of fill material present on the Phase I Property. If this soil is removed from the site during future site development, it will be subject to testing and other aspects of Ontario Regulation 406/19. Any future site development should try to achieve a zero balance cut/fill ratio, however, if this is not considered feasible then it is recommended that a soil quality testing program be carried out. More information on this subject can be provided upon request.

### **1.0 INTRODUCTION**

At the request of TBROS Limited, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 1015-1045 Dairy Drive, in the City of Ottawa, Ontario. Henceforth, this property shall be referred to as 'The Phase I Property'. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and Study Area as well as to identify any environmental concerns with the potential to have impacted the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Alex Shafran, of TBROS Limited. Mr. Shafran can be contacted via telephone at 905-667-4892.

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

This Phase I ESA report has been prepared in general accordance with Ontario Regulation 153/04, as amended under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01 (reaffirmed 2016). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information, as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies, and was limited within the scope-of-work, time, and budget of the project herein.

## 2.0 PROPERTY INFORMATION

Address:	1015-1045 Dairy Drive, Ottawa, Ontario;				
Legal Description:	Part of Lot 29, Concession 1 (Old Survey Front), Formerly the Township of Cumberland, in the City of Ottawa, Ontario.				
Location:	The Phase I Property is located on the north side of the intersection of Dairy Drive and Old Montreal Road, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.				
Latitude and Longitude:	45° 29' 35" N, 75° 28' 25" W.				
Site Description:					
Configuration:	Irregular.				
Site Area:	2.51 hectares (approximate).				
Zoning:	IL – Light Industrial Zone.				
Current Use:	The Phase I Property is currently vacant.				
Services:	The Phase I Property is located within a municipally serviced area.				

## 3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities on the Phase I Property 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 subject property and, if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01 (reaffirmed 2016);
- Provide a preliminary environmental site evaluation based on our findings;
- □ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

## 4.0 RECORDS REVIEW

#### 4.1 General

#### Phase I ESA Study Area Determination

A radius of approximately 250 m was deemed appropriate for defining the study area for this assignment, henceforth referred to as 'The Phase I Study Area'. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant distances away from the site.

#### First Developed Use Determination

Based on a review of available historical information, the Phase I Property has never been formally developed, and has historically existed as either agricultural or vacant land.

#### **City of Ottawa Street Directories**

City of Ottawa street directories, from 1992 to 2010, were reviewed for the general area of the Phase I Property as part of this assessment.

A review of the directories did not identify any listings for the Phase I Property during the time period reviewed.

The surrounding lands have historically been listed as a combination of commercial, light industrial, and residential properties. Potentially contaminating activities (PCAs) identified in the directories for properties located within the Phase I Study Area are summarized below in Table 1:

Table 1         City Directories – PCAs Identified Within Phase I Study Area								
Address	Potentially Contaminating Activity (Years Listed)	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)					
Old Montreal Road								
996 Old Montreal Rd.	Ace Body Shop (1992-2010)	85 m South	Ν					

Based on its separation distance, the off-site PCA identified in the directories is not considered to pose an environmental concern to the Phase I Property.

#### Fire Insurance Plans

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

#### 4.2 Environmental Source Information

#### National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

A search of this database did not identify any pollutant release records pertaining to the Phase I Property or for any properties situated within the Phase I Study Area.

#### Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Ontario Inventory of PCB Storage Sites, April 1995" was reviewed as part of this assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

A review of this document did not identify any former PCB waste storage sites situated on the Phase I Property.

One former PCB waste storage site was identified at 1001 Dairy Drive, the adjacent property to the north. This property was registered under the occupation of 'Ault Foods Ltd.', a food distribution facility, and is listed as a minor waste storage site, containing less than one liquid tonne of PCB waste material. Based on the limited reported quantities of PCB waste materials, a separation distance of approximately 75 m between the facility building and the shared property line with the Phase I Property, as well as its inferred down-gradient orientation with respect to anticipated groundwater flow, this former PCB waste storage site is not considered to have had the potential to impact the Phase I Property.

#### **MECP Waste Disposal Site Inventory**

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Waste Disposal Site Inventory in Ontario, 1991"* was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any former waste disposal sites situated on the Phase I Property or within the Phase I Study Area.

#### MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Municipal Coal Gasification Plant Site Inventory, 1991"* was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the Phase I Property.

A review of this document did not identify any former coal gasification plants located on the Phase I Property or within the Phase I Study Area.

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

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment.

A review of the registry did not identify any Records of Site Condition (RSCs) filed for the Phase I Property or for any properties situated within the Phase I Study Area.

#### MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the Phase I Property or any of the neighbouring properties.

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

#### MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the Phase I Property.

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

#### **MECP Instruments**

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the Phase I Property.

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

#### MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the Phase I Property.

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

#### Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically, as part of this assessment, to inquire about current and former fuel storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties.

The response from the TSSA indicated that no records were identified pertaining to the Phase I Property or for any of the neighbouring properties in the Phase I Study Area.

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

#### **OMNRF Areas of Natural and Scientific Interest (ANSI)**

A search for areas of natural and scientific interest (ANSI) situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property or within the Phase I Study Area.

#### City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, "Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa", was reviewed as part of this assessment. This document identifies the details and locations of all recorded active and closed landfill sites situated in the City of Ottawa.

A review of this document did not identify any active or closed landfill sites situated on the Phase I Property or within the Phase I Study Area.

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

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area.

The response from the City of Ottawa indicated that no relevant records were identified pertaining to the Phase I Property.

A copy of the submission request has been included in Appendix 2.

#### ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated February 7, 2022, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area.

The complete ERIS report has been included in Appendix 2.

#### □ On-Site Records:

The ERIS report identified one record associated with the Phase I Property. This record pertains to an historical ERIS database search, which was previously carried out for the site in February 2013.

A review of this record did not identify any potential environmental concerns associated with the Phase I Property.

#### □ Off-Site Records:

The ERIS report identified 63 records associated with the properties situated within the Phase I Study Area. The majority of these records pertain to various domestic water wells installed for properties within the surrounding area. A review of these record did not identify any potential environmental concerns associated with the Phase I Property.

Several waste generator summary records were identified for both 1001 and 1010 Dairy Drive, the commercial properties located adjacent to the north and across the street to the west of the Phase I Property, respectively. Based on the nature of the waste products, the quantities generated, as well as the down-gradient orientation of these properties with respect to anticipated groundwater flow, none of these waste materials are considered to have the potential to impact the Phase I Property.

The remaining off-site records identified in the ERIS report are listed for properties which are situated at a significant distance away, or are situated in a down-gradient or cross-gradient orientation, with respect to anticipated groundwater flow, and thus are not considered to pose an environmental concern to the Phase I Property.

#### Previous Engineering Reports

Prior to conducting this assessment, the following reports were reviewed:

□ *"Phase I Environmental Site Assessment, 1045 Dairy Drive, Ottawa, Ontario",* prepared by Pinchin Environmental Ltd., dated March 2013.

According to the historical research completed as part of the assessment, the Phase I Property had never been formally developed and had historically existed as either agricultural or vacant land. A review of aerial photographs from the 1990's identified areas of potential land disturbance on the Phase I Property, believed to be associated with the development of the property adjacent to the north.

Additional historical sources indicated that topsoil material was stripped from the adjacent property to the north at the time of development and stockpiled on the Phase I Property. Based on the nature of the material, as well as its native origins from the local area, this imported soil was deemed unlikely to result in any potential subsurface impact to the Phase I Property. No environmental concerns were identified with respect to the historical use of the Phase I Property.

An inspection of the Phase I Property was carried out as part of the assessment to investigate the existing conditions of the site. At the time of the site inspection, the Phase I Property was observed to be vacant and covered with grassland, shrubs, and occasional trees. No environmental concerns were identified with respect to the existing conditions of the Phase I Property.

Based on the findings of the assessment, no further environmental work was recommended.

□ *"Subsurface Investigation Report, 1045 Dairy Drive, Ottawa, Ontario",* prepared by Yuri Mendez Engineering, dated February 2019.

As part of the geotechnical subsurface investigation, four boreholes (BH1-BH4) were advanced throughout the Phase I Property to an average depth of approximately 5.5 m below the existing ground surface.

In general, the subsurface strata consisted of a thin layer of topsoil, underlain by brown silty clay which turned grey at depths of approximately 4.5 m below the existing ground surface. This silty clay layer was assumed to function as the local near-surface aquifer, with the water table generally encountered at depths ranging from approximately 2.9 m to 5.2 m below the existing ground surface. A dynamic cone penetration test (DCPT) was also carried out at BH4, which extended to a depth of approximately 31.0 m below the existing ground surface and was terminated on inferred bedrock.

A significant amount of fill material was encountered within the centre of the Phase I Property which, according to the borehole logs from BH3 and BH4, consisted mainly of dark grey clay. As previously discussed above, this fill material is considered to be excess topsoil stripped from the adjacent property to the north during its development in the 1990's and stockpiled on the Phase I Property. Based on the nature of the material, the lack of any deleterious substances encountered, as well as its native origins from the local area, this imported soil is not considered to result in any potential subsurface impact to the Phase I Property.

#### 4.3 Physical Setting Sources

#### Aerial Photographs

Historical aerial photographs of the Phase I Study Area were obtained from the National Air Photo Library and reviewed in approximate ten year intervals, beginning with the earliest available photograph.

Based on a review of these photographs, the following observations have been made:

- 1921 The Phase I Property and the surrounding lands appear to be vacant and used for agricultural purposes at this time. Old Montreal Road can be seen adjacent to the south of the Phase I Property.
- 1949 *(Poor Scale)* No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
- 1960 No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
- 1976 No significant changes are apparent with respect to the Phase I Property since the time of the previous photograph. Residential dwellings can be seen to the east and south of the Phase I Property.
- 1991 No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
- 2002 The Phase I Property no longer appears to be used for agricultural purposes at this time, and a large mound of fill material appears to be present in the centre of the site. The adjacent property to the north appears to be occupied with the existing food distribution facility, while the adjacent property to the west appears to be under construction with the existing food processing facility.
- 2011 No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.

2019 No significant changes are apparent with respect to the Phase I Property since the time of the previous photograph, though several gravel fill piles can be seen placed in the southwestern corner of the site. Dairy Drive can be seen adjacent to the west of the Phase I Property. The Phase I Property and the surrounding lands appear in this photograph as they do today.

Copies of the aerial photographs selected for review are included in Appendix 1.

#### Water Bodies

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is Cardinal Creek, located approximately 45 m to the east, which flows in a northerly direction towards the Ottawa River, located approximately 1.0 km to the north.

#### **Geological Maps**

Geological mapping information for the Phase I Property was obtained from The Geological Survey of Canada – Urban Geology of the National Capital Area and reviewed as part of this assessment.

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Gull River Formation, whereas the surficial geology consists of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 15 m to 25 m.

#### **Topographic Maps**

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment.

The topographic map indicates that the general elevation of the Phase I Property is approximately 60 m above sea level, while the regional topography within the greater area is depicted as sloping downwards to the north, in the general direction of the Ottawa River.

An illustration of the referenced topographic map is presented on '*Figure 2 – Topographic Map*', appended to this report.

#### Physiographic Maps

A physiographic map was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as a part of this assessment.

According to the publication and available mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: "...the lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

#### MECP Water Well Records

A search of the MECP Well Records website was conducted as part of this assessment. This database provides information for all recorded water wells installed within the Province of Ontario.

A search of the database identified 31 well records situated within the Phase I Study Area. These records pertain to wells installed between 1949 and 2017 and used for either domestic household or groundwater monitoring purposes. While the lands surrounding the Phase I Property are largely serviced with municipal water infrastructure today, there is a potential for viable drinking water wells to remain in use within Phase I Study Area.

According to the recorded stratigraphic information in the well records, the overburden stratigraphy in the vicinity of the Phase I Property generally consists soft grey/blue clay intermixed with occasional boulders at deeper depths. Bedrock, consisting of shale and limestone, was generally encountered at an average depth of approximately 15 m below ground surface.

A select number of the aforementioned well records have been included in Appendix 2.

## 5.0 PERSONAL INTERVIEWS

Mr. Ryan Barresi, a representative of the current property owner, was contacted via email to respond to questioning about the history of the Phase I Property.

According to Mr. Barresi, the Phase I Property has never been formally developed, and has historically existed as either agricultural or vacant land.

Mr. Barresi was aware of a significant stockpile of soil material present on the Phase I Property. According to Mr. Barresi, this soil consists of topsoil stripped from the adjacent property to the north, during its development in the 1990's, and stockpiled on the Phase I Property.

Mr. Barresi was unaware of any potential environmental concerns associated with the Phase I Property or with any of the neighbouring properties situated within the Phase I Study Area.

## 6.0 SITE RECONNAISSANCE

#### 6.1 General Requirements

A site inspection was carried out for the Phase I Property on February 3, 2022, between 9:00 AM and 10:00 AM. Weather conditions were overcast, with a temperature of approximately -10 °C.

The site inspection was carried out by Mr. Nick Sullivan, from the Environmental Department of Paterson Group.

In addition to the Phase I Property, the present day uses of the neighbouring properties within the Phase I Study Area were also assessed at the time of the site inspection.

#### 6.2 Site Inspection Observations

#### **Site Description**

The Phase I Property is currently vacant and consists predominantly of grassland and occasional mature trees. It should be noted that the Phase I Property was largely snow covered at the time of the site inspection, and as a result, a detailed assessment of the ground surface conditions could not be completed.

The site topography appears to slope gently downwards to the north, in the general direction of the Ottawa River, which is consistent with the greater regional topography. The Phase I Property is considered to be at grade with respect to the adjacent streets and the neighbouring properties.

Water drainage on the Phase I Property occurs primarily via infiltration throughout the site. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at time of the site inspection.

A depiction of the Phase I Property is illustrated on Drawing PE5609-1 – Site Plan, in the Figures section of this report.

#### **Buildings and Structures**

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

#### Potential Environmental Concerns

#### □ Fill Material

At the time of the site inspection, several small piles of imported fill material were identified in the southwestern corner of the Phase I Property. Upon closer inspection, it was determined that these piles consisted of crushed stone and gravel, and thus is not considered to pose any potential environmental concern to the Phase I Property. This material is suspected to have originated from the reconstruction and extension of Dairy Drive in the early 2010's.

A significant mound of fill material was identified in the centre of the Phase I Property which, according to the previous environmental reports prepared for the site, consists mainly of topsoil stripped from the adjacent property to the north during its development in the 1990's. Based on the nature of the material, as well as its native origins from the local area, this imported soil is not considered likely to result in any potential subsurface impact to the Phase I Property.

#### □ Fuels and Chemical Storage

At the time of the site inspection, no chemical storage areas, above ground storage tanks (ASTs), or evidence indicating the presence of any underground storage tanks (USTs) were observed on the Phase I Property.

#### □ Hazardous Materials and Unidentified Substances

At the time of the site inspection, no hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the Phase I Property.

#### **D** Polychlorinated Biphenyls (PCBs) and Transformer Oil

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

#### □ Waste Management

At the time of the site inspection, no waste materials were observed to be generated, stored, or disposed of on the Phase I Property.

#### **Neighbouring Properties**

At the time of the site inspection, a survey of the neighbouring properties was conducted from publicly accessible roadways.

Land use adjacent to the Phase I Property was observed as follows:

- *North:* A food distribution facility, followed by vacant land;
- *South:* Old Montreal Road, followed by residential dwellings;
- *East:* A residential dwelling, followed by Cardinal Creek;
- *West:* Dairy Drive, followed by a food processing facility and agricultural land.

Based on observations made at the time of the site inspection, the present day uses of the neighbouring properties are not considered to pose any potential environmental concern to the Phase I Property.

The neighbouring land use within the Phase I Study Area is depicted on Drawing PE5609-2 – Surrounding Land Use Plan, in the Figures section of this report.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Land Use History

Based on a review of available historical information, the Phase I Property has never been formally developed, and has historically existed as either agricultural or vacant land.

#### Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, no PCAs were identified on the Phase I Property.

Two PCAs were identified with respect to other off-site properties situated within the Phase I Study Area. These PCAs are described as follows:

□ 1001 Dairy Drive (adjacent to the north) – Former PCB waste storage site.

□ 996 Old Montreal Road (85 m south) – Existing auto body repair shop.

Based on their separation distances, as well as their inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow, none of these PCAs are considered to pose any environmental concern to the Phase I Property.

#### Areas of Potential Environmental Concern (APECs)

Based on the findings of this Phase I ESA, no APECs were identified on the Phase I Property.

#### **Contaminants of Potential Concern (CPCs)**

Based on the findings of this Phase I ESA, no CPCs were identified on the Phase I Property.

#### 7.2 Conceptual Site Model

#### Geological and Hydrogeological Setting

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Gull River Formation, whereas the surficial geology consists of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 15 m to 25 m.

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

#### Water Bodies and Areas of Natural and Scientific Interest

No water bodies or areas of natural and scientific interest are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is Cardinal Creek, located approximately 45 m to the east, which flows in a northerly direction towards the Ottawa River, located approximately 1.0 km to the north.

#### **Existing Buildings and Structures**

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

#### Current and Future Property Use

The Phase I Property currently consists of vacant land.

It is our understanding that the Phase I Property is to be redeveloped for commercial purposes.

#### Drinking Water Wells

While the lands surrounding the Phase I Property are largely serviced with municipal water infrastructure today, there is a potential for viable drinking water wells to remain in use within Phase I Study Area.

#### Neighbouring Land Use

The surrounding lands within the Phase I Study Area consist of a combination of commercial, light industrial, residential, and agricultural properties.

Current land use is depicted on Drawing PE5609-2 – Surrounding Land Use Plan, in the Figures section of this report.

# Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, no potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified on the Phase I Property.

Two PCAs were identified with respect to other off-site properties situated within the Phase I Study Area. These PCAs are described as follows:

□ 1001 Dairy Drive (adjacent to the north) – Former PCB waste storage site.

□ 996 Old Montreal Road (85 m south) – Existing auto body repair shop.

Based on their separation distances, as well as their inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow, none of these PCAs are considered to pose any environmental concern to the Phase I Property.

#### Contaminants of Potential Concern

Based on the findings of this Phase I ESA, no CPCs were identified on the Phase I Property.

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

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no PCAs or APECs associated with the Phase I Property.

The absence of any PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

## 8.0 CONCLUSIONS

### Assessment

Paterson Group was retained by TBROS Limited to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1015-1045 Dairy Drive, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

Based on a review of available historical information, the Phase I Property has never been formally developed, and has historically existed as either agricultural or vacant land. During the development of the adjacent property to the north in the 1990's, it was reported that the topsoil was stripped from the land and stockpiled on the Phase I Property. Based on the nature of the material, its native origins, as well as observations made during a previous geotechnical investigation, this imported soil is not considered to pose an environmental concern to the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for a combination of commercial, light-industrial, community, and residential purposes. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Presently, the Phase I Property is vacant and consists largely of grassland with occasional trees. No environmental concerns were identified with respect to the current use of the Phase I Property.

The surrounding lands within the vicinity of the Phase I Property consist mainly of a combination of commercial, light-industrial, community, and residential purposes. No environmental concerns were identified with respect to the current use of the neighbouring properties.

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

### Recommendations

As previously noted, there is a significant volume of fill material present on the Phase I Property. If this soil is removed from the site during future site development, it will be subject to testing and other aspects of Ontario Regulation 406/19. Any future site development should try to achieve a zero balance cut/fill ratio, however, if this is not considered feasible then it is recommended that a soil quality testing program be carried out. More information on this subject can be provided upon request.

## 9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and generally meets the requirements of CSA Z768-01 (reaffirmed 2016). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

Should any conditions be encountered at the Phase I Property and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of TBROS Limited. Permission and notification from TBROS Limited and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.

N. Sullin

Nick Sullivan, B.Sc.

12

Mark S. D'Arcy, P.Eng., QPESA

#### **Report Distribution:**

- TBROS Limited
- Paterson Group Inc.



## **10.0 REFERENCES**

#### **Federal Records**

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

#### **Provincial Records**

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

#### **Municipal Records**

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

#### Local Information Sources

Personal Interviews.

#### **Public Information Sources**

- **ERIS** Database Report.
- Google Earth.
- □ Google Maps/Street View.

## **FIGURES**

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5609-1 – SITE PLAN

DRAWING PE5609-2 – SURROUNDING LAND USE PLAN

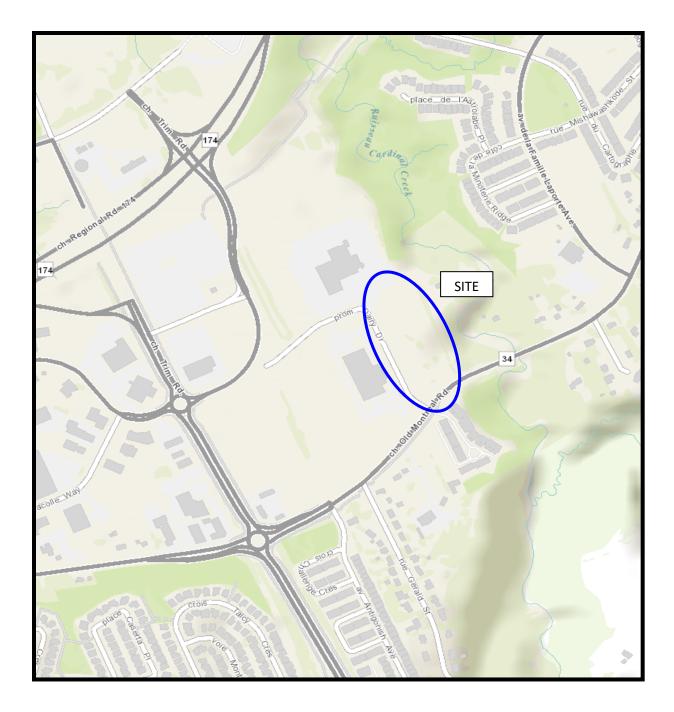


FIGURE 1 KEY PLAN

# patersongroup -

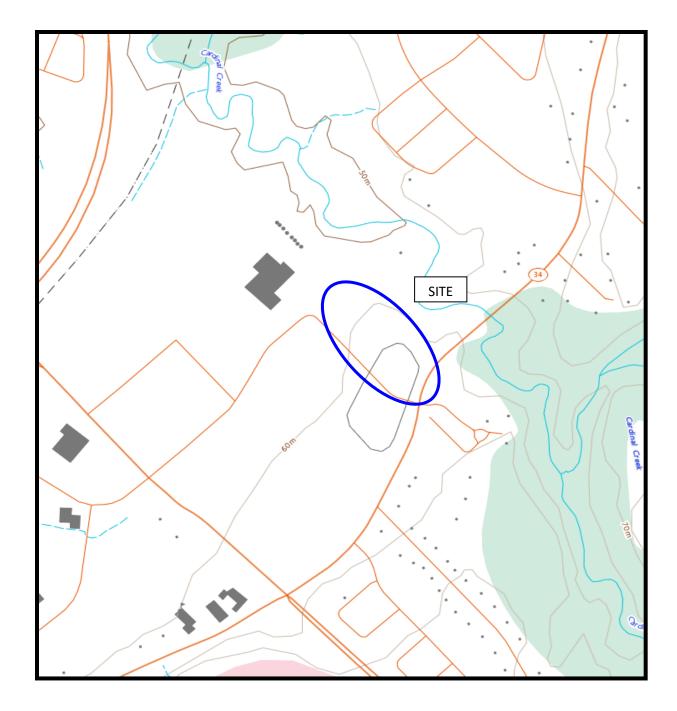
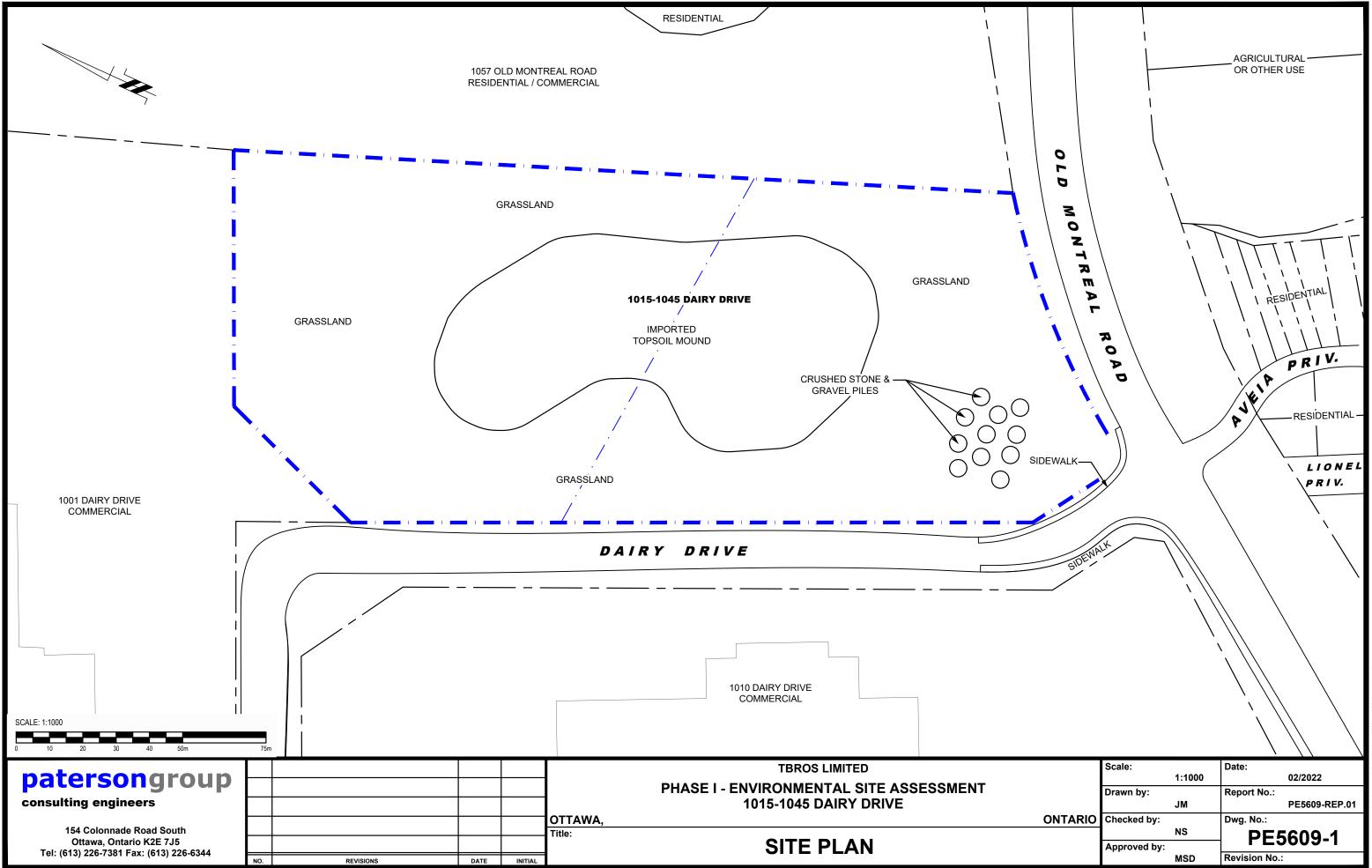
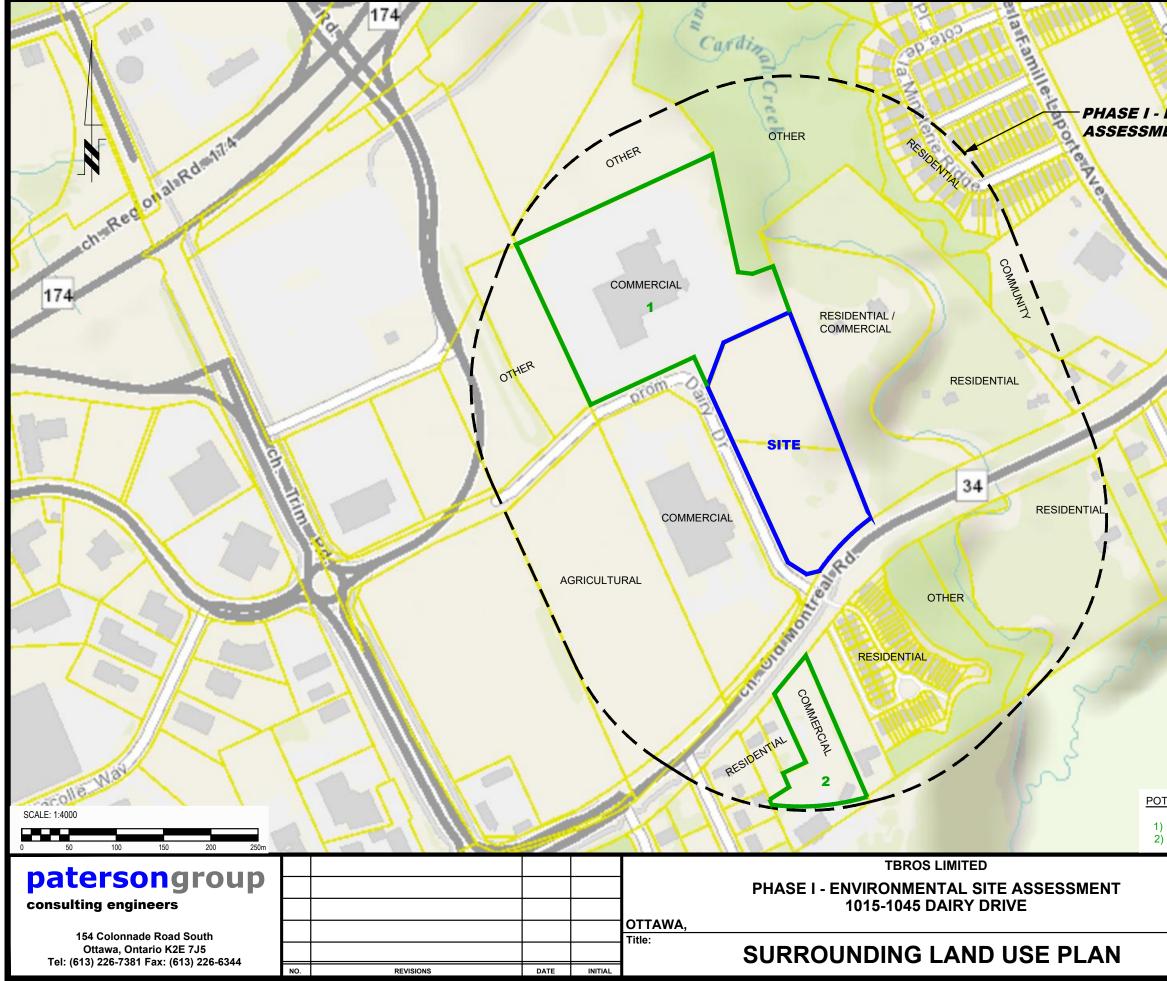


FIGURE 2 TOPOGRAPHIC MAP

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utocad drawings\environmental\pe56xx\pe5609\pe5609-1 site plan



#### PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

34

#### POTENTIALLY CONTAMINATING ACTIVITIES:

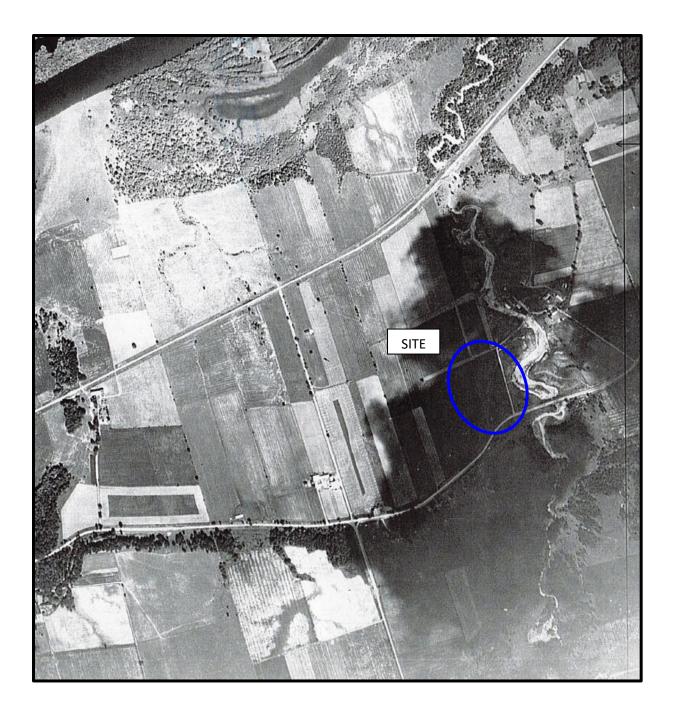
## (PCA #N/A) - 1001 DAIRY DRIVE - FORMER PCB WASTE STORAGE SITE. (PCA #10) - 996 OLD MONTREAL ROAD - EXISTING AUTO BODY SHOP.

	Scale:		Date:
		1:4000	02/2022
	Drawn by:		Report No.:
		JM	PE5609-REP.01
ONTARIO	Checked by:		Dwg. No.:
		NS	PE5609-2
	Approved by:		FL3003-2
		MSD	Revision No.:

# **APPENDIX 1**

**AERIAL PHOTOGRAPHS** 

SITE PHOTOGRAPHS



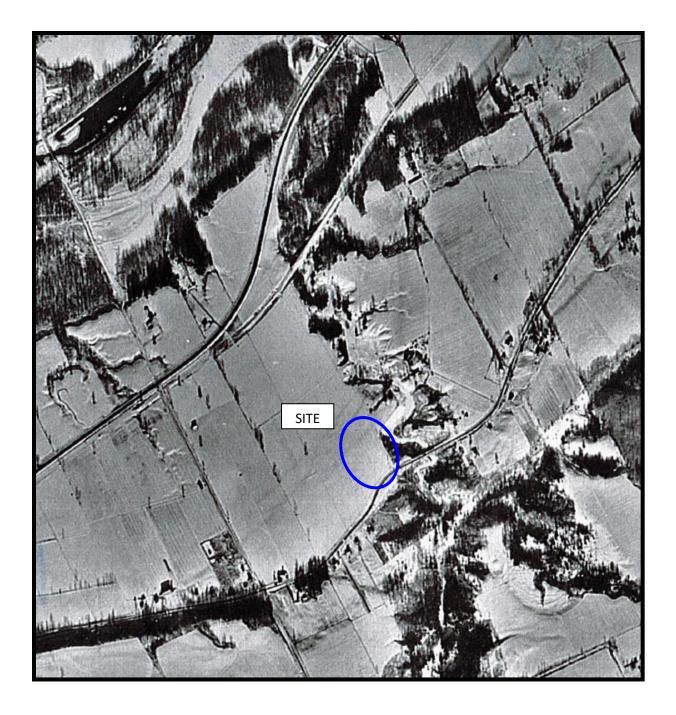
AERIAL PHOTOGRAPH 1921

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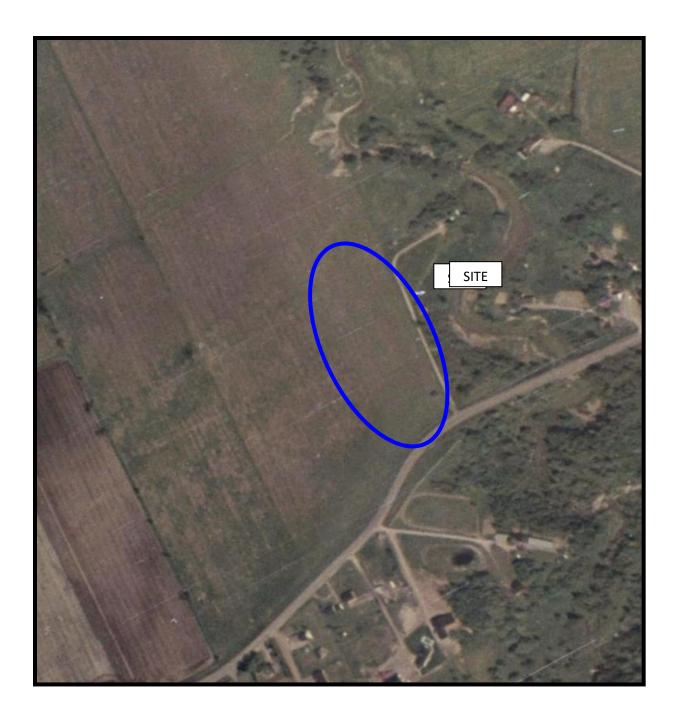
## AERIAL PHOTOGRAPH 1949

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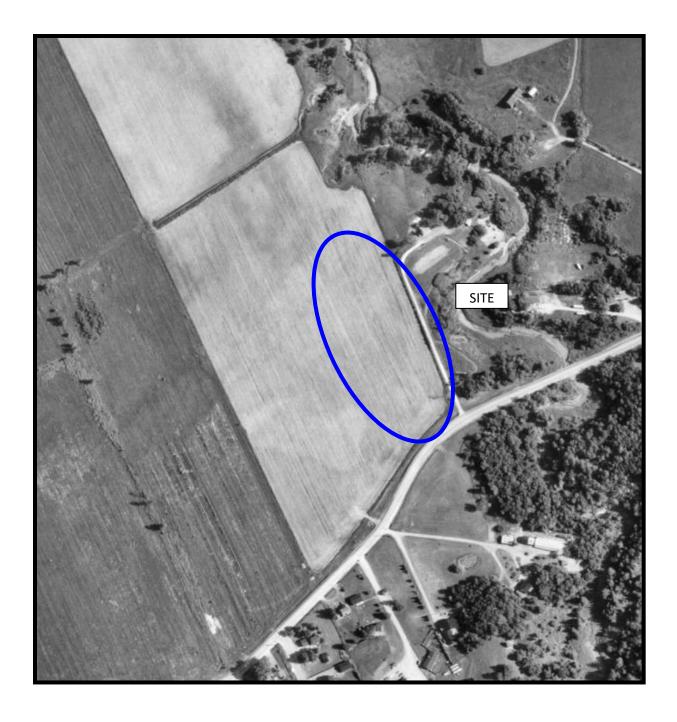


## AERIAL PHOTOGRAPH 1960

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### Site Photographs

PE5609-REP.01

1015-1045 Dairy Drive, Ottawa, Ontario

February 3, 2022



Photograph 1: View of the central portion of the Phase I Property, facing east from Dairy Drive.



Photograph 2: View of the snow-covered crushed stone and gravel piles, located in the southwestern corner of the Phase I Property, facing south from Dairy Drive.

### patersongroup

### Site Photographs

PE5609-REP.01

1015-1045 Dairy Drive, Ottawa, Ontario

February 3, 2022



Photograph 3: View of the southern portion of the Phase I Property, facing north from Old Montreal Road.



Photograph 4: View of the northern portion of the subject site, facing south from Dairy Drive.

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# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION RESPONSE** 

MECP WATER WELL RECORDS

**TSSA CORRESPONDENCE** 

**CITY OF OTTAWA HLUI RESPONSE** 

**ERIS DATABASE REPORT** 

Ministry of the Environment, Conservation and Parks Ministère de l'Environnement, de la Protection de la nature et des Parcs

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



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



September 12, 2022

Nick Sullivan Paterson Group Inc. 154 Colonnade Road Ottawa, Ontario K2E 7J5 nsullivan@patersongroup.ca

Dear Nick Sullivan:

#### RE: MECP FOI A-2022-00968, Your Reference PE5609 – 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 1045 Dairy Drive, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch Sector Enforcement Branch (formerly Environmental Investigations and Enforcement Branch and Sector Compliance Branch) and Safe Drinking Water Branch, no records were located responsive to your request. **This file is now closed.** 

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 Brandy Booker at Brandy.Booker@ontario.ca

Yours truly,

**ORIGINAL SIGNED BY** 

Ryan Gunn Manager (A), Access and Privacy Office

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Blue Clay		0	70'		
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-	with pump se	etting of	20' feet belo	w ground surface
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Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
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Length of screen	Duration of test	pumping	3 hrs.	
Depth to top of screen			f test Clear	
Diameter of finished hole 6"	Recommended	pumping rate	6	G.P.M.
	with pump sett	ing of <b>70</b>	feet belo	ow ground surface
Well Log				r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Broken rock and clay	0	8		
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Address March 24, 1965				
Date Galler 24, 1909				
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Depth to top of screen				
Diameter of finished hole	Recommended p	oumping rate	8	G.P.M.
	with pump settin	ng of <b>40</b>	feet belo	w ground surface
Well Log	p	<b>*</b>		r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
blue clay grey limestone	<u> </u>	<b>5</b> 9	59	fresh
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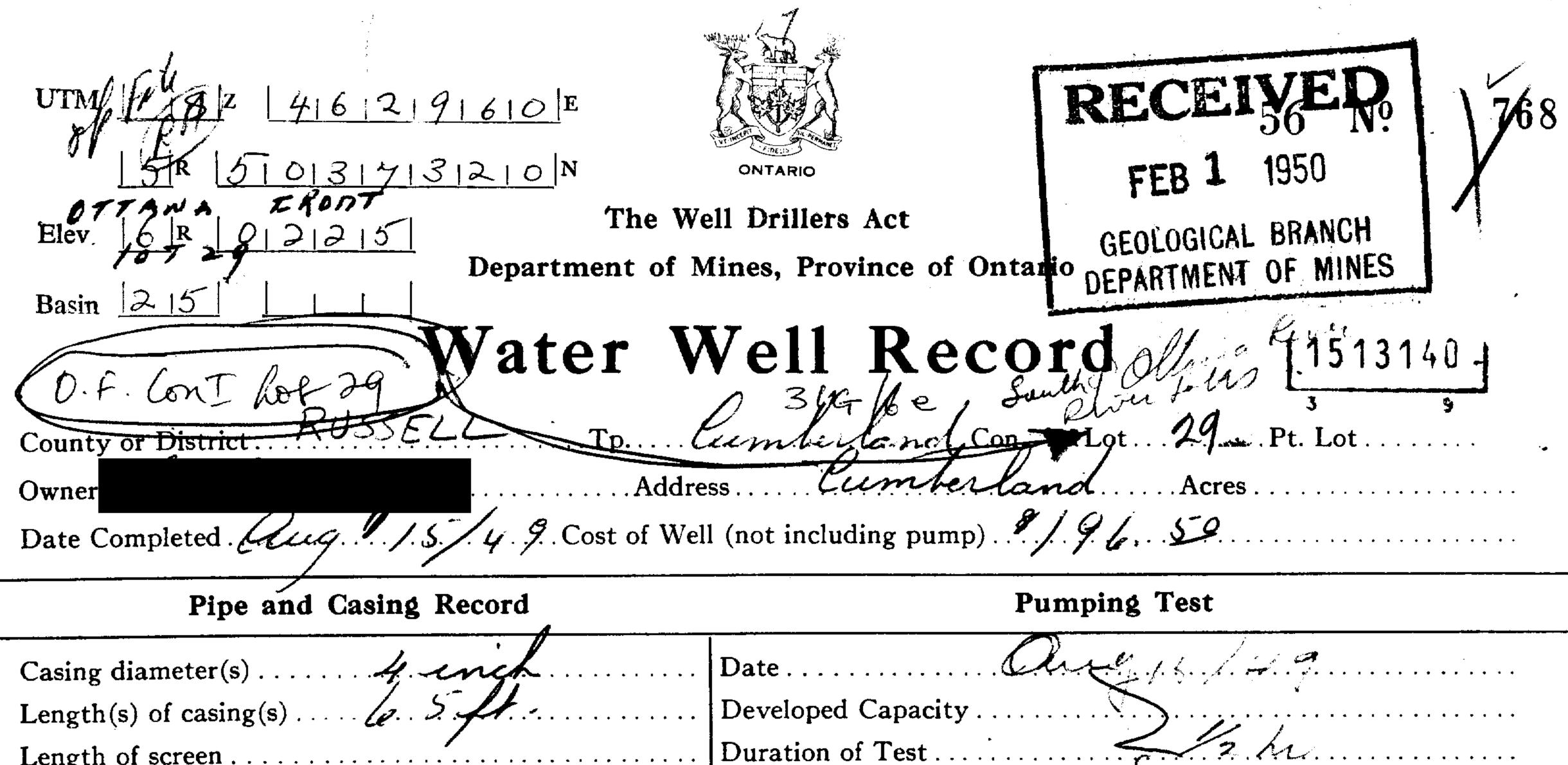
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25-28 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL   ETHOD       10     PUMPING RAT       2     BAILER       WATER LEVEL     25       T     SOLFEET       JONP TYPE     RECOMMENDEN	4     OPEN HOLE       17-18     1     STEEL       2     GALVANIZED       3     CONCRETE       4     OPEN HOLE       24-25     1     STEEL       2     GALVANIZED       3     CONCRETE       4     OPEN HOLE       24-25     1     STEEL       2     GALVANIZED       3     CONCRETE       4     OPEN HOLE       2     11-14       0     OPEN HOLE       2     1       3     CONCRETE       4     OPEN HOLE       2     3       3     CONCRETE       4     OPEN HOLE       2     11-14       0     GPM.       2     2       30     MINUTES       28     30       30     MINUTES       28     45       50     FEET       50     FEET       50     FEET       50     FEET       10     CLE       50     RECOMMEND	E 26 26 26 26 26 26 26 26 26 26	20-23 0068 27-30 18 18 18 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 25-28 1 21 25-28 1 21 21 21 21 21 21 21 21 21 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       ETHOD     10     PUMPING RAT       2     BAILER     DOOS       WATER LEVEL     25     WATE       WATER LEVEL     25     WATE       PUMPING     15     MINUTES       21     C.S.C.22-24     15       SB-41     PUMP     INTAKE       GPM.     GPM.     PUMP       VMP TYPE     PUMP     SETTING	4         OPEN HOLE           17-18         1         STEEL           2         GALVANIZED           3         CONCRETE           4         OPEN HOLE           24-25         1           3         CONCRETE           4         OPEN HOLE           24-25         1           3         CONCRETE           4         OPEN HOLE           2         GALVANIZED           3         CONCRETE           4         OPEN HOLE           2         GPM.	E         19           19         19           19         19           26         26           D         26           2         26           D         15-16           15-16         0           15-16         0           15-16         0           15-16         0           HOURS         17-100           HOURS         0           17ES         0           32-34         60           FEET         50           FEET         50           FEAR         2           CLOUD         2           VED         46-	20-23 0068 27-30 18 15 18 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       WATER     20     WATER       WATER LEVEL     25     WATE       WATER LEVEL     25     WATE       VATER LEVEL     25     WATE       VATER LEVEL     26     15       38-41     PUMP     INTAKE       GPM.     GPM.     SETTING       UMP TYPE     RECOMMENDEL       VATER     GPM./FT. SPECI	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEI         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         20       24-25       1       STEEL         20       GALVANIZEI       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEI         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEI       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEI         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEI       3       CONCRETE         4       OPEN HOLE       1       Z         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEI       1       Z         3       CONCRETE       4       OPEN HOLE         2       GPM.       29-31       45         2       SET AT       WATER AT E       1         2       GO       FEET       AS-45         2 <t< td=""><td>E 26 26 26 26 26 26 26 26 26 26</td><td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td><td>DEPTH SET AT - FEET           FROM         TO           10-13         14-17           18-21         22-25           26-29         30-33           B         LOCATION           Diagram Below SHOW DISTANCE         LINE. INDICATE NORTH BY AR</td><td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td><td>ENT GROU</td></t<>	E 26 26 26 26 26 26 26 26 26 26	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET           FROM         TO           10-13         14-17           18-21         22-25           26-29         30-33           B         LOCATION           Diagram Below SHOW DISTANCE         LINE. INDICATE NORTH BY AR	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 25-28 1 21 25-28 1 21 21 21 21 21 21 21 21 21 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       Construction     10     PUMPING RAT       2     BAILER     26       WATER LEVEL     25       WATER LEVEL     26       T     SOLFEET       SB-41     PUMP INTAKE       GPM.     SETTING       QQ_1'     GPM./FT. SPECI       S4     1       MATER SUPPLY     2       OBSERVATION WE	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         2       SO MINUTES         28       SO MINUTES         28       SO FEET	E         19         19         19         19         26         26         26         26         27         15-16         160         17-100         160         17-100         160         17-100         160         17-100         160         17-100         160         160         170         160 <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td> <td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO</td> <td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td> <td>ENT GROU</td>	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       WATER LEVEL     25     WATE       WATER LEVEL     25     WATE       VATER LEVEL     25     WATE       SOLE     221     25       JONE TYPE     PUMP WATER       PUMP     SETTING       Q.Q.'_     GPM. JFT. SPECI       SALTIN     Yes       SOLE     SETTING       Q.Q.'_     GBSERVATION WE       3     TEST HOLE       4     RECHARGE WELL	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         2       SOMINUTES         3       MINUTES         28       GPM.         29-31       45         SET AT       YATER AT E         9       ABANDONED, ING         1       CL         6       ABANDONED, IN	E         19         19         19         19         26         26         26         26         27         15-16         160         17-100         160         17-100         160         17-100         160         17-100         160         17-100         160         160         170         160 <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td> <td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO</td> <td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td> <td>ENT GROU</td>	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 25-28 1 21 20 30-33 1 21 21 21 21 21 21 21 21 21 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       ETHOD     10     PUMPING RATI       2     BAILER     26       WATER     22-24       IS     MINUTES       21     C.S.C.2-24       IS     MINUTES       22     BAILER       JUMP TYPE     GPM.       GPM.     SETTING       Q.O.L.     GPM.       GPM.     SETTING       Q.O.L.     GPM.       J     DEEP       SETTING       Q.O.L.     GPM.       J     DESERVATION WE       3     TEST HOLE       4     RECHARGE WELL <td< td=""><td>4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZED         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZED         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZED         3       GOMINUTES         28       30         30       MINUTES         28       30         30       FEET         5       ABANDONED, IN         6       ABANDONED, IN         6       ABANDONED, IN     <!--</td--><td>E         19         19         19         19         26         26         26         26         27         15-16         160         17-100         160         17-100         160         17-100         160         17-100         160         17-100         160         160         170         160     <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td><td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK</td><td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td><td>ENT GROU</td></td></td></td<>	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZED         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZED         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZED         3       GOMINUTES         28       30         30       MINUTES         28       30         30       FEET         5       ABANDONED, IN         6       ABANDONED, IN         6       ABANDONED, IN </td <td>E         19         19         19         19         26         26         26         26         27         15-16         160         17-100         160         17-100         160         17-100         160         17-100         160         17-100         160         160         170         160     <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td><td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK</td><td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td><td>ENT GROU</td></td>	E         19         19         19         19         26         26         26         26         27         15-16         160         17-100         160         17-100         160         17-100         160         17-100         160         17-100         160         160         170         160 <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td> <td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK</td> <td>MATERIAL AND TYPE     (CEN       Image: Comparison of the second s</td> <td>ENT GROU</td>	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK	MATERIAL AND TYPE     (CEN       Image: Comparison of the second s	ENT GROU
25-28 1 25-28 1 21 20 21 21 21 21 21 21 21 21 21 21	SALTY     4     MINERAL       FRESH     3     SULPHUR       WATER     LEVEL     25       WATER     LEVEL     25       WATER     LEVEL     25       WATER     LEVEL     25       WATER     SUPPLY     25       SB-41     PUMP     INTAKE       GPM.     GPM.     SETTING       Q.Q     GPM.     FECONMENDER       Y     GOBSERVATION     WE       3     TEST HOLE       4     RCHARGE WELL       S5-56     1     DOMESTIC       3     TRIGATION       4     INDUSTRIAL <td>4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         20       CONCRETE       4       OPEN HOLE         24-25       1       STEEL       2         20       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         CR       LEVELS DURING       1       1         28-31       29-31       45       MINU         28-31       29-31       45       MINU         29-31       45       MEET AT       1       CLE         5       ABANDONED, IM       N       MATER AT       1         9       FEET       ABANDONED, IM       1&lt;</td> <td>E 26 26 26 26 26 26 26 26 26 26</td> <td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td> <td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO</td> <td>MATERIAL AND TYPE     (CEM LEAD 1       0    </td> <td>ENT GROU</td>	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         20       CONCRETE       4       OPEN HOLE         24-25       1       STEEL       2         20       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         CR       LEVELS DURING       1       1         28-31       29-31       45       MINU         28-31       29-31       45       MINU         29-31       45       MEET AT       1       CLE         5       ABANDONED, IM       N       MATER AT       1         9       FEET       ABANDONED, IM       1<	E 26 26 26 26 26 26 26 26 26 26	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ATAMAN ALLO	MATERIAL AND TYPE     (CEM LEAD 1       0	ENT GROU
25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       SALTY     4     MINERAL       FRESH     3     SULPHUR       WATER     LEVEL     POOP       WATER     LEVEL     POOP       WATER     LEVEL     POOP       VATER     SUPPING     RATE       JONP     TYPE     PUMP       N     DEEEP     SETTING       OCO_'     GPM./FT. SPECI       S4     1       MATER     SUPPLY       2     OBSERVATION       3     TEST HOLE       4     RECHARGE WELL       S5-56     1       DOMESTIC <tr< td=""><td>4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         20       CONCRETE       4       OPEN HOLE         24-25       1       STEEL       2         20       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         CR       LEVELS DURING       1       1         28-31       29-31       45       MINU         28-31       29-31       45       MINU         29-31       45       MEET AT       1       CLE         5       ABANDONED, IM       N       MUMPING       1         6       ABANDONED, IM       1       1</td><td>E 19 19 19 19 26 26 26 26 26 26 26 26 26 26</td><td>20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49</td><td>DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK</td><td>OF WELL OF WELL OF WELL OF WELL OF WELL OF WELL FROM ROAD AND OF WELL FROM ROAD AND OF O</td><td>COR IENT GROU PACKER, E</td></tr<>	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         20       CONCRETE       4       OPEN HOLE         24-25       1       STEEL       2         20       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         CR       LEVELS DURING       1       1         28-31       29-31       45       MINU         28-31       29-31       45       MINU         29-31       45       MEET AT       1       CLE         5       ABANDONED, IM       N       MUMPING       1         6       ABANDONED, IM       1       1	E 19 19 19 19 26 26 26 26 26 26 26 26 26 26	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK	OF WELL OF WELL OF WELL OF WELL OF WELL OF WELL FROM ROAD AND OF WELL FROM ROAD AND OF O	COR IENT GROU PACKER, E
25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       ETHOD     10     PUMPING RAT       2     BAILER     MINERAL       WATER LEVEL     25     WATE       SUMP TYPE     SUMP INTAKE     26       JUMP TYPE     GPM.     FECOMMENDER       WATER SUPPLY     2     OBSERVATION WE       3     TEST HOLE     4       MODESTIC     2     STOCK       3     IRRIGATION     4       STOCK     3     IRRIGATION       3     IRRIGATION     4       CODEEP     STOCK	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         3       GOMINUTES         4       OPEN HOLE         5       FEET         5       ABANDONED, IM         6       ABANDONED, IM         6       MUNICIPAL         7       UNFINISHED         5	E 19 19 19 26 26 26 26 26 26 26 26 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC r LINE. INDICATE NORTH BY AR CLIME NORTH BY AR CLIME K CREEK CREEK	MATERIAL AND TYPE     (CEM LEAD 1       0	ENT GROU
25-28 1 2 25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY     4     MINERAL       FRESH     3     SULPHUR       SALTY     4     MINERAL       SALTY     4     MINERAL       SALTY     4     MINERAL       SALTY     4     MINERAL       Common Saltry     4     MINERAL       WATER     20     WATER       VATER     22     WATE       21     C.S.C.2.24     15       WATER     22     WATE       38-41     PUMP       VATER     SUPPLY       38-41     PUMP       MINERAL     GPM.       COC     GPM./FT. SPECI       ST     1       MATER SUPPLY       SUBSERVATION       3     TEST HOLE       4     RECHARGE WELL       ST     1	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       GONCRETE         4       OPEN HOLE       2       GALVANIZEG         2       GALVANIZEG       1       2         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         2       GALVANIZEG       1       1         2       GALVANIZEG       2       3         30       MINUTES       45       MINU         28       FEET       1       1         9       FE	E 19 19 19 26 26 26 26 26 26 26 26 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27	20-23 0068 27-30 18 15 1N LOT 49 49 49 49 49	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 8 LOCATION DIAGRAM BELOW SHOW DISTANC T LINE. INDICATE NORTH BY AR ATAMAR A. C. T LINE. INDICATE NORTH BY AR ATAMAR K. CBEEKK OL 500	MATERIAL AND TYPE     (CEM LEAD 1       0	ENT GROU
25-28 1 2 25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY       4       MINERAL         FRESH       3       SULPHUR         SALTY       4       MINERAL         WATER       20       PUMPING         VATER       22-24       15         WATER       22-24       15         WATER       22-24       15         SOLT       25       5         JUMP TYPE       PUMP         VATER       SUPPLY         2       0       0         JUMP TYPE       GPM./FT. SPECI	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         20       24-25       1       STEEL         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       CONCRETE         4       OPEN HOLE       2       GALVANIZEG         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       3       GONCRETE         4       OPEN HOLE       2       GALVANIZEG         2       GALVANIZEG       1       2         3       CONCRETE       4       OPEN HOLE         2       GALVANIZEG       1       1         2       GALVANIZEG       1       1         2       GALVANIZEG       2       3         30       MINUTES       45       MINU         28       FEET       1       1         9       FE	E 19 19 19 26 26 26 26 26 26 26 26 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27	20-23 0068 27-30 18 18 18 10 10 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET FROM TO 10-13 14-17 18-21 22-25 26-29 30-33 B LOCATION DIAGRAM BELOW SHOW DISTANCE T LINE. INDICATE NORTH BY AR ALLON AR LINE. INDICATE NORTH BY AR ALLON AR LINE. INDICATE NORTH BY AR ALLON AR SOD SOD RKS: 58 CONTRACTOR 59	MATERIAL AND TYPE     (CEM       0	ACKER, E
25-28 1 2 25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY       4       MINERAL         FRESH       3       SULPHUR         SALTY       4       MINERAL         SALTY       4       MINERAL         SALTY       4       MINERAL         SALTY       4       MINERAL         Contractor       20       PUMPING         Variation       3       TSMINTER         Variation       4       RECOMMENDER         Variation       9       Setting         COC-1       GPM.       FEET         Variation       9       Setting         COC-1       GPM.       FEET         Variation       9       Setting         COC-1       GPM.       SETTING	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         3       GOMINUTES         3       GOMINUTES         28       GOMINUTES         28       GOMINUTES         29       FEET         30       MINUTES         31       GALASAS         SET AT       WATER AT E	E 19 19 19 19 26 26 26 26 26 26 26 26 26 26	20-23 0068 27-30 18 15 10 18 18 10 10 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET           FROM         TO           10-13         14-17           18-21         22-25           26-29         30-33           DIAGRAM BELOW SHOW DISTANCE           DIAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           FINAL         K:           CREEEK           SOD           KS:           58           CONTRACTOR         59           150 4	OF WELL OF WELL EES OF WELL FROM ROAD AND ROW.	ACKER, E
25-28 1 2 25-28 1 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY       4       MINERAL         FRESH       3       SULPHUR         SALTY       4       MINERAL         Contractor       2000       PUMPING         MATER       22       WATER         VATER       22.22-24       15         MINTER       22.22-24       15         SOLT       22.22-24       15         MINTER       20.00       50         MATER       SUPPLY       20         OBSERVATION WE       3       TEST HOLE	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         3       GOMINUTES         3       GOMINUTES         28       GOMINUTES         28       GOMINUTES         29       FEET         30       MINUTES         31       GALASAS         SET AT       WATER AT E	E 19 19 19 19 10 26 26 26 26 26 26 26 26 26 27 26 27 27 27 27 27 27 27 27 27 27	20-23 0068 27-30 18 18 18 10 10 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET           FROM         TO           10-13         14-17           18-21         22-25           26-29         30-33           DIAGRAM BELOW SHOW DISTANCE           DIAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           FINAL         K:           CREEEK           SOD           KS:           58           CONTRACTOR         59           150 4	OF WELL OF WELL EES OF WELL FROM ROAD AND ROW.	ACKER, E
25-28 1 25-28 2 2 2 2 2 2 2 2 2 2 2 2 2	SALTY 4 MINERAL FRESH 3 SULPHUR SALTY 4 MINERAL SALTY	4       OPEN HOLE         17-18       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1       STEEL         2       GALVANIZEG         3       CONCRETE         4       OPEN HOLE         24-25       1         3       CONCRETE         4       OPEN HOLE         2       GALVANIZEG         3       GOMINUTES         3       GOMINUTES         28       GOMINUTES         28       GOMINUTES         29       FEET         30       MINUTES         31       GALASAS         SET AT       WATER AT E	E 19 19 19 26 26 26 26 26 26 26 26 27 26 27 27 27 27 27 27 27 27 27 27	20-23 0068 27-30 18 18 18 18 18 18 10 10 10 10 10 10 10 10 10 10	DEPTH SET AT - FEET           FROM         TO           10-13         14-17           18-21         22-25           26-29         30-33           DIAGRAM BELOW SHOW DISTANCE           DIAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           TINE:         INDICATE NORTH BY AR           OLAGRAM BELOW SHOW DISTANCE           FINAL         K:           CREEEK           SOD           KS:           58           CONTRACTOR         59           150 4	OF WELL OF WELL EES OF WELL FROM ROAD AND ROW.	ACKER, E

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Elev. 19  k.  0  2:00 A     The Water-well Drillers Act, 1954 Department of Mines     SEP 10 1957 output of Milling Ont       0. F. Con T Act 39     Water-Well Record     Resources commission       Output of Act 39       Pripe and Casing Record       Pripe and Casing Record       Pripe and Casing Record       Waiter Colspan="2">Output of Act 30       Value Colspan= 2        Colspan= 2 <td c<="" td=""><td></td><td></td><td></td><td></td><td>56 N</td><td>ANCH</td></td>	<td></td> <td></td> <td></td> <td></td> <td>56 N</td> <td>ANCH</td>					56 N	ANCH
bisin 2 1617 Internet of Mines ONALE ONAL OF CALL AND ALLER ON ALL	9 R 5101317151	6 0 N	ONTAF		GROUND	7 1	
O.F. Gor J & Har 29       Water-Well Record Proveship.         Construct Territorial District.       Access         Construct Territorial District.       Access         Village, Toron of City.       Construct Territorial District.         Pipe and Casing Record       Pamping Test         Casing diameter (s)       2 ''         Type of serven       No. ci test         User Hard       Pumping revel         District or construction       2 Orestion of test         Well Log       Valuer Record         Well Log       Valuer Record         Well Log       No. ci test         Orestioned and Before Record       Prom tr         Rised Oregoing       Construction         Market clear or cloudy in the set?       In diagram below show distances of well from read and lot line. Indicate north by arrow, and the set of the set of the set of the set of term o				750 1			
Constructional District. Acceleration of Construction of City. Linear Construction of City. Linear Construction of City. Linear Construction of City. Linear City and City of Ci	Basin 42 15 Department			of Mines	ONTARIO WA	MISSION	
Construct of faction is be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  For whish purpose (a) is the water to be used?  I certify that the foregoing statement of fact as rung.  Date Mathematical	O.F. Con I Rot 29	Water	-We	Il Recore	RESUDITOR		
Vilage, 10W B (10)       (dr)         ddreas       ddreas         (dr)       (month)         Pipe and Casing Record       Pumping Test         Casing diameter(s)       2''         Length(s)       2''         Length(s)       2''         Length(s)       2''         Length(s)       2''         Length of screen       10 orle         Duration of test       2.5         Duration of test       0 or state         Well Log       Water Record         Well Log       Vater Record         Well Log       0 or state         Overburden and Bedrock Record       From to to test         Blue       0 do         Overburden and Bedrock Record       From to to test         Wy functions       6 0         Provide parpose(a) is the water to be used?       10 or state         Is water clear or cloudy!		Russell	Town	ship, Village, Town or (	City	man.	
Pipe and Casing Record       Pumping Test         Casing diameter (s)       9''         Length (s)       40         Length (s)       60         Length (s)       60         Length (s)       60         Length (s)       60         Length of screen       10 or 12         Duration of test       20         Well Log       Water Record         Well Log       Water Record         No. of feet       (freeh.s)         Blunt       60         Dy licercitore       60         Dy licercitore       60         For what parpose(a) is the water to be used?       10         Is well on upland, in value, or on hillside?       10         Duiling firm       10         Incertify that the foregoing statements of fact are true       10         Address       10         Leence Number       10         Jac       10				Village, Town or C	ity)	RRNI-	
(dS7)       (month)       (year)         Pipe and Casing Record       Pumping Test         Casing diameter(s)       2''       Static level       If the property of the pumping test         Length (s)       4.0       Pumping test       Pumping test         Type of acreen       N Afric       Pumping test       Pumping test         Well Log       Water Record       Pumping test       Pumping test         Overburden and Bedrock Record       Prom ft.       To the test       No. of feet (free test)       Record         Overburden and Bedrock Record       Prom ft.       To the test       No. of feet (free test)       Record         Overburden and Bedrock Record       Prom ft.       To the test       No. of feet (free test)       Record         Mum.       Clear       Overburden and Bedrock Record       Prom ft.       To test       No. of feet (free test)       Record         Mum.       Clear       Overburden and Bedrock Record       Prom ft.       To       Record       Record         Mum.       Clear       Operation       Action       No. of feet (free test)       Record       Record         Static Index Contraction       Clear       Prom ft.       To clear       Record       Record         Mum.       Disth				ddress			
Casing diameter (s)       9'         Length (s)       6.0         Length (s)       10.0         Length of screen       11.0         Length of screen       11.0         Well Log       Water Record         Well Log         Water Record         Duration of test         Blow         Index construction         Blow	(day)	(month)	(year)				
Length (s)       4.2       Pumping rate       14 a.e.       14 a.e. <td>-</td> <td></td> <td></td> <td></td> <td>Pumping Test</td> <td></td>	-				Pumping Test		
Dype of screen       It a 1-1 E         Uppe of screen       Duration of test         Well Log       Water Record         Overburden and Bedrock Record       From tt       To       Mathematical and test of test         Blue       Blue       Bog of test       No. of feet       Kind of water rises         Overburden and Bedrock Record       From tt       To       Mathematical and test of test       No. of feet       Kind of water rises         Blue       Bland       Bland       Bland       Bland       Bland       Status of test       Status of test         Bland       Bland       Bland       Bland       Bland       Status of test       Status of test         Bland       Bland       Bland       Bland       Bland       Bland       Status of test         For what purpose (a) is the water to be used?       Location of Well       Indiagram below show distances of well from road and lot line. Indicate north by arrow, road a	Casing diameter(s)			Static level	o feel		
Length of screen     Duration of test       Well Log     Water Record       Overburden and Bedrock Record     From ft.     To ft.     Depth (c) water rises     No. of feet water rises     Kind of water rises       Blum     elay     0     60     70     70     Depth (c) water rises     Kind of water rises       Blum     elay     0     60     70     70     Loo       Map     for what parpose (a) is the water to be used?     Indiagram below show distances of well from road and lot line. Indicate north by arrow water elear or cloud?     Map       Drilling firm     Hadharman     Mathematication     Map       Address     Mathematication     Map       Licence Number     Mathematication     Map       Date     Map     Map	Length(s) $\frac{60}{100}$	N . J M				ting for the	
Well Log     Water Record       Overburden and Bedrock Record     Prem It.     To Tt.     Date Which at which water rises     No. of feet (free which water rises     Find of w (free which water rises       Blue     Older     60     70     70     Lo       Prey     100     70     70     Lo       Prey     100     70     70     Lo       Prey     100     70     10     Lo       Prey     100     70     10     Lo       Prey     100     100     100     100       Prey     100     100       Prey     100     100 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>				-			
Weil Log       Overburden and Bodrock Record     From It.     To It.     Depth (a) at at it (b) found     No. of feet water rises     Kind of w (freeh, as or subh)       Blue     blog     0     10     10     10       My line they     6     70     70     60     10       For what perpose(a) is the water to be used?     Indiagram below show distances of well from road and lot line. Indicate north by arrow, Mathematication of Well     In diagram below show distances of well from road and lot line. Indicate north by arrow, Mathematication of the strength of the strengt of the strength of the strengt of the strength of the str	Length of screen						
Overburden and Bedrock Record       From It.       To It.       at which water rises       No. of feet water rises       (freeh, sa or sulpht)         Blunk clay       60       70       70       100       100       100         My limitore       100       70       70       100       100       100         My limitore       100       70       70       100       100       100         My limitore       100       70       70       100       100       100         For what perpose(a) is the water to be used?       100       100       100       100       100         Is water clear or cloudy?       100       100       100       100       100       100         Drilling firm       100       100       100       100       100       100       100         Address       100       100       100       100       100       100       100       100         Icence Number       16.5       1       100       100       100       100       100         Icence Number       16.5       1       100       100       100       100       100         Icence Number       16.5       100       100	Well Lo	g			Water Record		
Blue       elay       0       60       70       70       60       function         Juy linestore       Image: State of the	Overburden and Bedrock Record			at which water (s)		Kind of water (fresh, salty, or sulphur)	
Juy limitone       Image: Second	Blue clay	0	60				
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date	a - 0 - 1	60	70	70	60	fresh	
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date	Juj remestore						
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date Date							
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date Date							
Is water clear or cloudy?		·····			_		
Is water clear or cloudy?							
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date Date					_		
Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date Date							
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Is water clear or cloudy? Is water clear or cloudy? Is well on upland, in valley, or on hillside? Drilling firm Address Mame of Driller Address Licence Number I certify that the foregoing statements of fact are true Date Date Date							
Is water clear or cloudy?							
Is well on upland, in valley, or on hillside?			2	-			
Drilling firm <u>Challernen</u> Address <u>Orleans</u> Cont Name of Driller <u>Jerus Charlerne</u> Address <u>Alcensa Cont</u> Licence Number. 765 I certify that the foregoing statements of fact are true Date <u>Serier Charlerne</u>	Is well on upland, in valley, or o	on hillside?	lat	1000 0110 100 111		1. PH	
Address <u>Griterns Und</u> Name of Driller <u>Jeran Charbernen</u> Address <u>Alconse Ont</u> Licence Number <u>765</u> I certify that the foregoing statements of fact are true Date. <u>Geran Charbernen</u>	Α				11	Ma	
Address	Drilling firm	s Cont				/	
Address		I all A			· 4	HIGHWAY	
Licence Number 76.5 I certify that the foregoing statements of fact are true Date Error Charbonne	Name of Driller	Challan	<u> </u>				
Date	Address	& Cont			3		
Date	Licence Number 765					A	
Date					Lat?	8	
	statements of fa	ct are true	,				
	Date	ard Charle	nnem	¥	1 40729	1	
		Signature of Licen	isee				

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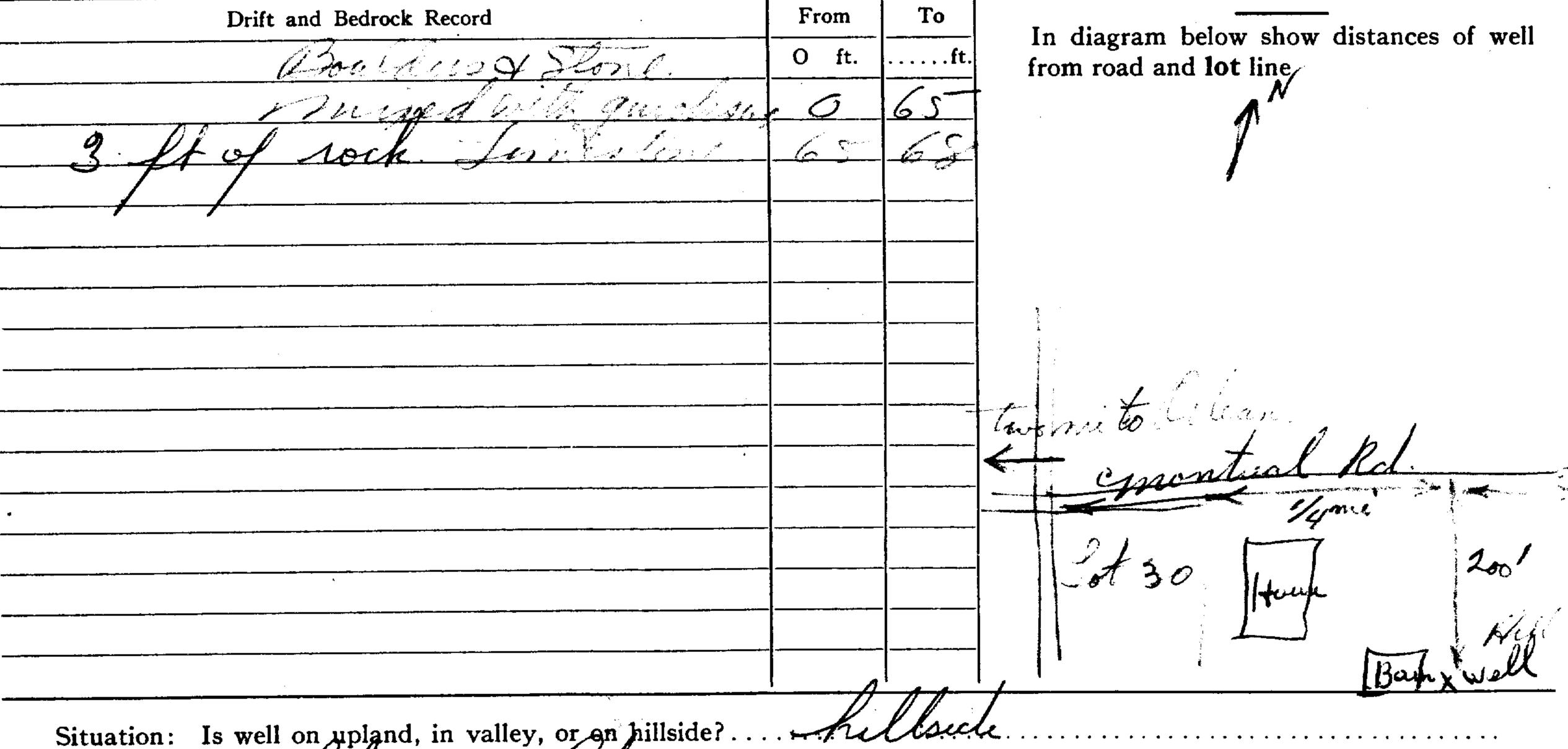


Type of screen       Pumping Rate         Type of pump       Drawdown         Capacity of pump       Static level of completed well         Depth of pump setting       Is well a gravel-wall type?			Water Record
Type of pump $\ldots \ldots \ldots \ldots$ Drawdown $\ldots \ldots \ldots$	Capacity of pump Depth of pump setting .	· · · · · · · · · · · · · · · · · · ·	Static level of completed well
Type of screen	Type of pump		Drawdown
	Type of screen		

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
	10.ft	with.	-58-ft.
Appearance (clear, cloudy, coloured)	-6-8		
For what purpose(s) is the water to be used?			
· · · · · · · · · · · · · · · · · · ·			
How far is well from possible source of contamination?			,,,,,,
What is source of contamination?			
Enclose a copy of any mineral analysis that has been made of water			
		(	

Well Log

Location of Well



ns ay ulle avuelle Ont W. Edams Address Ramsayulle Licence Number 389 Address . . Recorded by . . . . . . · . . .

Basin 25	ER WH	ELL F 31 G Township,	ission Act, 1957 RECORI Village, Town or pleted Oct 11/ Orleans Ont	RESOURCES COM 1513 City Cumberla 60 month	961 NTER MISSION 1434			
Casing and Screen Record			Pum	nping Test				
Inside diameter of casing       2"         Total length of casing       60'         Type of screen       60'         Length of screen       2"         Depth to top of screen       2"         Diameter of finished hole       2"								
Well Log		<u>_</u>	Wa	ter Record				
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)			
Blue Clay	0' 48'	<b>48'</b> 58'						
Bolders Grey Limestone	<b>49</b> 58'	70'	70'	49'	Fresh			
	1	<u> </u>		tion of Well	Sector 1			
For what purpose(s) is the water to be usedi Domestic Is well on upland, in valley, or on hillsidef Drilling Firm Address Licence Number. 454 Name of Driller. Q. Charbonneau Address Date Oct. 11/60 Jeans Date Cot. 11/60 Jeans Charbonneau Address	<b>Up</b>		In diagram below road and lot line TRAMSCAN I   S to N! OLD   7	show distances o e. Indicate north	• # 3			
Form 5 15M-58-4149			31	<b>@</b> \$5 \$8	39			

5 - 1					
UTM 18 Z 41630570 E				4.86.0 N	TER BRANCH
5 R 510 1317 1511 10 N					000001
Elev. 6 R 0121019	o Water Reso	ources Comn	nission Act, 1957	<u>ا</u> ۲۰۰۹ ټې	
					O WATER COMMISSION
Basin 25 D.F. Con I hot 29 County or District	$\mathbf{ER} \ \mathbf{W}$	ELL I	RECORL	151	3144 -
County or District XRMSEX Russel		३। ५ Township,	//e Village, Town or		and 3
County of Distance () E. Dt North		-	pleted	Ogt	
		ress	Orleans	month	Jear)
Casing and Screen Record			Pun	nping Test	
Inside diameter of casing 2"		Statio le	vel 21		
Total length of casing			mping rate		
Type of screen			g level	40'	
Length of screen			n of test pumping		
Depth to top of screen			clear or cloudy at		
Diameter of finished hole 2"	·····	Recom	nended pumping		
			XAXXAAAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	K Pump Set 4	5.
Well Log			Wa	ter Record	
	From	To	Depth(s) at which	No. of feet	Kind of water (fresh, salty,
Overburden and Bedrock Record	ft.	ft.	water(s) found	water rises	sulphur)
Blue Clay	0'	<u>60'</u>			
Bolders	65 <b>1</b>	70 <sup>1</sup>			
<u>Sand</u> Grey Limestone	70'	75'	75'		Fresh
					<u> </u>
			-		
					· · · · · · · · · · · · · · · · · · ·
		1			<u> </u>
For what purpose(s) is the water to be used			Loca	tion of Well	ph.
Domestic			In diagram below		
Is well on upland, in valley, or on hillside	Up		road and lot line	. Indicate north	by arrow.
			,		X
Drilling Firm	1			RANS CANAD	
Address	aus" (		ANIS TOH		Y I
Address Offleans, Ont. R.R. 1 Nevan 98				1. The second second	4
Licence Number				A	
Name of DrillerG. Charbonneau.				<i><b>D</b>17</i>	
Address Orleans	••••••				,35
Date0ct 16/60				K	
General Chartonn	y				aG
· (Signature of Licensed Drilling Contract	) )		32 5	20	99
			) / / /	CSS.S8	
Form 5 15M-58-4149		1	The second se		1
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Form 5	
15M-58-4149	

UTM 1 8 2 4 6 2 9 8 5 E UTM 1 8 2 4 6 2 9 8 5 E 5 R 5 0 t 3 17 1 3 3 10  The Ontario Water Reso Elev. 17 R 0 2 2 5 WATER WEL Basin 2 5 County or District 7 5 ELL O.F. Con I Rot 29 T County or District 7 5 ELL O.F. Con I Rot 29 T Con FROM OTT, FORER Lot MAR PART OF 10F 1	L RECC 31G/6e ownship, Village, To	Act DRD 07 07 07 07 07 07 07 07 07 07	CUMBE AUGUST month	0N R2 ANO 1962 year)	
	dress 369 L	Pumping			
Casing and Screen Record	Static levei	-			
Inside diameter of casing $95' \times 9'' + 13' \times 2'' + 18' \times 15''$	Test-pumping rat				
Total length of casing $127$	Pumping level	70 F7	Γ,		
Type of screen X Length of screen X	Duration of test p				
Length of screen	Water clear or clo				
Depth to top of screen	Recommended p				
Diameter of finished hole 1 28	with pump setting				
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)	
BROWN - CLAY	0'	901	129'	FRESH	
	90'	981			
SAND.		10			
BOLDERS and SAND.	981	124'			
LIME - STONE	124'	1291			
For what purpose(s) is the water to be used? HOOSE Is well on upland, in valley, or on hillside? $HI4LSIDE$ Drilling or Boring Firm $WIAFRID - COSSETTE$ 2.59A - SHAKESPEARE - ST. Address $EASTUIEW$ . ONT, Licence Number $GI2$ Name of Driller or Borer $SAME$ . Address $SAME$ Date $AUGUST$ $3/62$ Willing Granted Drilling or Boring Contractor) Form 7 15M Sets 60-5930	In diagram road and	lot line. Ind	distances of we dicate north by	olding	
OWRC COPY	LOCALLO	Th	C28.53		

		and the second second		k
UTM 18 2 416 3 101 210 E	1151314	GROUNI	56 SN	333
9 R 5101317121810 N The Ontario Water Reso	urces Commission A		8 1003	11
Elev. 9 R. 121510 WATER WEL	L RECO		RIO WATER ES COMMISSION	
County or District Russel) OF Can [ Col 39 T	ownship, Village, To	wn or City	Cumberland	
Con lat from Ottown P Lot 29	ate completed			
	ess. 145 Caril			······
Casing and Screen Record		Pumping		
Inside diameter of casing 5–5/8	Static level			
Total length of casing 110'	Test-pumping rat			
Type of screen	Pumping level	80	•	
Length of screen	Duration of test p			
Depth to top of screen	Water clear or clo	udy at end of	test clear	
Diameter of finished hole 5–5/8-	Recommended p			
	with pump setting	g of		
Well Log				Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
blue clay	0	90		
sand & bolders	90 105	105 128	128	fresh
grey limestone		120		
		:		
	1	Location	of Well	1
For what purpose(s) is the water to be used? domestic	In diagram		v distances of we	ll from
	road and	lot line. In	dicate north by	arrow.
Is well on upland, in valley, or on hillside? upland				NBR
Drilling or Boring Firm		-		, Nr
G.Charbonneau, Diamond & Cable Drilling,		17		
Address R.R.# 1, Box 194, Orleans, Ont.			1	
Licence Number 1025			m)	
Name of Driller or BorerG. Charbonneau			5 3	
Address R.R.# 1,Box 194, Orleans, Ont. Date June 24, 1963		:		
Date June 24, 1963			×	
(Signature of Licensed Drilling or Boring Contractor)		. (	SFL	<b>.</b> .
Form 7 10M-62-1152			- <del>3</del> 0->	· Latio
OWRC COPY			C\$5.58	
		······		

UTM $\frac{1}{18}$ $\frac{2}{41621980}$ E $\frac{69}{18}$ $\frac{750317131000}{1800}$ N The Ontario Water Reson			ND WATER BRA 56 Nº 3 1003 TARIO WATER DES COMMISSION	734	
Eley 9 R 20 21315 WATER WEL County of District Rassell O.F. Con Lot 29 T Con Let from Ottage R. Lot part lot 29 D	31 G/6e ownship, Village, To	own or City C 28 August	umberland 1963 month	year)	
Casing and Screen Record		Pumping			
Inside diameter of casing. 5 5/8	Static level	<b>x</b> 45	5.		
Total length of casing 85	Test-pumping ra	te	18	G.P.M.	
Type of screen	Pumping level				
Length of screen	Duration of test p				
Depth to top of screen	Water clear or clo				
Diameter of finished hole 5 5/8	Recommended p				
	with pump settin	g of <b>65</b>	1		
Well Log			· · · · · · · · · · · · · · · · · · ·	Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)	
blue clay	0	80	98	fresh	
grey limestone	80	98			
For what purpose(s) is the water to be used? domestic		Location	of Well		
	In diagram	n below show	distances of we licate north by	ll from arrow.	
Is well on upland, in valley, or on hillside? <b>valley</b> Drilling or Boring Firm G.Charbonneau, Diamond & Cable Drilling Address R.R.# 1, Box 194, Orleans, Ont.		510 17		Nº BIH >	
1025	· · · · · · · · · · · · · · · · · · ·				
Licence Number					
Name of Driller or Borer G. Charbonneau		0			
Address R.R.# 1,Box 194, Orleans, Ont. Date 28 August, 1967 Signature of Licensed Drilling or Boring Contractor) Form 7 15M-60-4138	57 J 57 J				
OWRC COPY			CSS.88		

urces Commission L REC 31G ownship, Village, 1	Act 9 ORD 6 C Town or City	56 N? Cumberland er 1956 month	3.35 year)	
ess R.R. 1	, Cumberland	. Ont.		
······································	Pumping	g Test		
Test-pumping Pumping level Duration of test	rate 12 65' t pumping 3	hrs.	G.P.M.	
with party set			r Record	
From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)	
0 85	85 100 <del>2</del>	100	fresh	
In diag	ram below shov	v distances of we	ell from arrow.	
	010 / 7 875 FT	2.56		
	Arces Commission L REC SIG ownship, Village, ate completed ress. R.R. 1. Static level 3 Test-pumping Pumping level. Duration of test Water clear or of Recommended with pump sett From ft. 0 85 In diag road at	$3 \mid G - 16 \in$ ownship, Village, Town or City ate completed 12. Novembridge, Test-pumping rate 12. Pumping level 35 Test-pumping rate 12 Pumping level 65! Duration of test pumping 3 Water clear or cloudy at end of Recommended pumping rate with pump setting of 5 $From ft. ft. 0 85 85 1008 From road and lot line. In In diagram below show road and lot line. In O = 0 17 87.5 FT$	rees Commission Act L RECORD SIG 6 <sup>e</sup> ownship, Village, Town or City Cumberland ate completed 12 November 1966 (day month ress R.R. 1, Cumberland, Ont. Pumping Test Static level 35 Test-pumping rate 12 Pumping level 65! Duration of test pumping 3 hrs. Water clear or cloudy at end of test clear Recommended pumping rate 6 with pump setting of 75 feet belo Vater (s) ft. ft. ft. found 0 85 85 1002 100 Location of Well In diagram below show distances of we road and lot line. Indicate north by 0 17 0 255 FT	

5601161 316/6W The Ontario Water Resources Commission Act 1315 RECORD CUMBERL Now, Region atter Township, Village, Town or City Russellx PRESCOTT sset! County or District 29 Date completed 15 ess ORLEANS ONT **Pumping Test Casing and Screen Record** 66 Static level 3 Inside diameter of casing...... 6 G.P.M. Test-phimping rate 126 Total length of casing..... ....DIVISION OF 75 WATER RESOURCESpumping level Type of screen AUS 2 5 1969 Duration of test pumping 2 his Length of screen Water clear or cloudy at end of test Clear Depth to top of screen ONTARIO WATER 6 RESOURCES COMMISSION G.P.M. ð Diameter of finished hole with pump setting of 75 feet below ground surface Water Record Well Log Depth(s) at Kind of water From ft. Т٥ which water(s) (fresh, salty, Īt. Overburden and Bedrock Record sulphur) found 105 28 Fral Ö 123 105 \* Sand 130 123 JIM 2 4 2 Location of Well ey. used? For what In diagram below show distances of well from House asin road and lot line. Indicate north by arrow. Is well on upland, in valley, or on hillside? Hillside Drilling or Boring Firm.... F.R. COSSETTE Address 1510 BASELINE Rd 3m OTTAWA 5 Licence Number 3182 Name of Driller or Borer. WE CREEK Address... 40 Date (Signature of Licensed Drilling or Boring Contractor) Form 7 15M-60-4138 OWRC COPY

	MINISTRY OF THE The Ontario Wat	er Resources Act
2. CHECK	DNLY IN SPACES PROVIDED	1516405
COUNTY OR DISTRICT Carleton	township, borough, city, town, village	CON., BLOCK, TRACT, SURVEY, ETC. OF / 29
	s umberland, (	Ont. (Cumberland Estate DAY 28 NO 28 YR 7
		$\begin{array}{c c} RC & elevation \\ \hline \begin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
	LOG OF OVERBURDEN AND BEDF	ROCK MATERIALS (SEE INSTRUCTIONS)
GENERAL COLOUR COMMON MATER	AL OTHER MATERIALS	GENERAL DESCRIPTION FROM TO
yellow sand		
grey clay		7 18 18 50
grey slate		
		•
	· · · · · · · · · · · · · · · · · · ·	
	0018205     0050219	
32 1 2 10 14 15 WATER RECORD	21 21 21 21 51 CASING & OPEN HOLE	43         54         65         75           E RECORD         Z         SIZE (S) OF OPENING ISLOT NO 1         31-33         DIAMETER         34-38         LENGTH         39-
WATER FOUND AT - FEET KIND OF WATER	INSIDE WALL DIAM MATERIAL THICKNESS INCHES	DEPTH - FEET U INCHES FEE FROM TO C MATERIAL AND TYPE DEPTH TO TOP 41-44
10-13 1 FRESH 3 D SULPH 2 D SALTY 4 D MINER	UR 14	0 c 22 <sup>3-16</sup>
15-18 1 _ FRESH 3 _ SULPH 2 _ SALTY 4 _ MINER	UR 19 06 3 CONCRETE	61 PLUGGING & SEALING RECORD
20-23 1 _ FRESH 3 _ SULPH 2 _ SALTY 4 _ MINER		20-23 DEPTH SET AT - FEET MATERIAL AND TYPE (CEMENT GROUT FROM TO LEAD PACKER: ETC.) 10-13 14-17
25-28 1 [] FRESH 3 [] SULPH 2 [] SALTY 4 [] MINER	UR 29 4 0 OPEN HOLE AL 24-25 1 C STEEL 26 2 C GALVANIZED	27-30 18-21 22-25
30-33 1 FRESH. 3 SULPH 2 SALTY 4 MINER	UR 3460 J 3 CONCRETE	26-29 30-33 80
71	TING RATE . 11-14 DURATION OF PUMPING	LOCATION OF WELL
STATIC WATER LEVEL 25 LEVEL END OF	ALS CPM CL 15-16 CO 17-1. HOURS CO 11-11 HOURS CO 1	
(0) 19-21 22-24 15	MINUTES 30 MINUTES 45 MINUTES 60 MINUTES 26-28 29-31 32-34 35-3	
12 FEET 030 FEET 02 IF FLOWING. GIVE RATE	12 FEET 012	
IF FLOWING. SEAT PUMI GIVE RATE GPN RECOMMENDED PUMP TYPE RECO	30 <sub>FEET</sub> IX CLEAR 2 □ CLOUDY NMENDED 43-45 RECOMMENDED 46-4	
TA SHALLOW DEEP SETT		
FINAL		
STATUS I OBSERVAT OF WELL I EST HOL A CRECHARGE	E 7 🗌 UNFINISHED	
55-56 1 X / DOMESTIC 2 I STOCK	S COMMERCIAL 6 D MUNICIPAL	ill ill
USE 01 IRRIGATIO	N 7 🗌 PUBLIC SUPPLY NL 8 🔲 COOLING OR AIR CONDITIONING	
57 1 🗍 CABLE TO		
	CONVENTIONAL) 7 🗌 DIAMOND REVERSE) 8 🗋 JETTING	<b>``6</b> 0']   //
5 🗍 AIR PERCL		DRILLERS REMARKS
AAME OF WELL CONTRACTOR	on Drilling Ltd 1504	DATA 58 CONTRACTOR 59-62 DATE REGIVED 0278 63-68 SOURCE 1504 100278
ADDRESS	Orleans, Ont. KlC 1T1	DATE OF INSPECTION HIM MAY 8/18 AT MAY 8/18
L. Bourgeois	LICENCE NUMBER	
SIGNATURE OF CONTROCOR	SUBMISSION DATE	P VI VI
MINISTRY OF THE ENVI		F CFM 7 MOE 07-0

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	7 W	ATER WE				ORD		tid
Ontario		SPACES PROVIDED		151640	)7		ËF.	6e [0]
	of Ton	TOWNSHIP, BOROUGH, CITY, TOWN, VIL	LAGE		CON	. BLOCK, TRACT, SURVEY. I	ETC.	LOTORI
		nberland,	Ont	teri o	I		DATE COMPLETED	48-53 YR. 77
		<u>bis</u> 3,7,6,9,9			4	BASIN CODE		IV
	12 LI	17 18 24 OG OF OVERBURDEN AND B	EDRO(	26	90	31		47
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS			GENE	RAL DESCRIPTION	DEPT	1 - FEET
yellow	clay						0	11
blue	clay						11	40
grey	gravel						40	42
grey	slate						42	46
black	slate					ULOE .	46	48
grey	slate					(MOE VF-18)	48	50
						Vr-10	<b>3</b>	
								-
	1505 004			0046219			0950119	
	TER RECORD	51) CASING & OPEN H			51ZE	54 (5) OF OPENING 31- 07 NO.)	65 -33 DIAMETER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE WALL DIAM MATERIAL THICKNESS	D	EPTH - FEET	ш	ERIAL AND TYPE	INCHES DEPTH TO TOP	FEET 41-44 50
<b>00</b> 50 <sup>10-13</sup> 1 2	] FRESH 3 🗍 SULPHUR <sup>14</sup> ] SALTY 4 🗋 MINERAL	INCHES         INCHES           10-11         1         STEEL         12           1         2         GALVANIZED         12		13-16	SC		OF SCREEN	FEET
15-18 1 C	] FRESH 3 [] SULPHUR <sup>19</sup> ] SALTY 4 [] MINERAL	2 GALVANIZED 3 □ CONCRETE 06 4 □ OPEN HOLE 188	s c	<b>66</b> 43	61		& SEALING REC	ORD
	FRESH 3 ULPHUR 24	17-18 1 _ STEEL 19 2 _ GALVANIZED		20-23	FROM	10		ENT GROUT. ACKER, ETC )
25-28 1	] FRESH 3 [] SULPHUR <sup>29</sup>	3 ]] CONCRETE 4 ]] OPEN HOLE 24-25 1 ]] STEEL 28		27-30		10-13 14-17		
30-33 1	] SALTY 4 [] MINERAL ] Fresh 3 [] Sulphur <sup>34</sup> <sup>8</sup>	0 2 🗌 GALVANIZED 3 🗌 CONCRETE				6-29 30-33 80		
2 PUPPING TEST MET	SALTY 4 MINERAL	E 11-14 DURATION OF PUMPING						na anti 1947), i su anti 1947), i su anti 1947,
1 PUMP	2 🗆 BAILER 00		17-18 MINS	IN DIAG		OCATION OF		
STATIC LEVEL	END OF WATER I PUMPING	LEVELS DURING I PUMPING 2 2 RECOVERY 30 MINUSES   45 MINUSES   60 MIN	UTES	LOT LIN		DICATE NORTH BY ARRC		rth
	26-	28 29-31 32-34	35-37 FEET		(			Nº I
TF FLOWING. SIVE RATE	38-41 PUMP INTAKE	SET AT WATER AT END OF TEST	42 00.0Y					V
RECOMMENDED PU		D 43-45 RECOMMENDED	46-49					
SHALLOW		CIFIC CAPACITY	GPM			12	A	
FINAL	54 t WATER SUPPLY 2 OBSERVATION WE	5 ABANDONED, INSUFFICIENT SL 6 ABANDONED POOR QUALITY	PPLY		OLP	17.2	$\rightarrow \kappa$	
STATUS CF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED		$ $ $\succ$		مر المربق المراقبة ا المراقبة المراقبة الم	n and a second	
	2 DOMESTIC	5 COMMERCIAL 4						
WATER USE C		7 D PUBLIC SUPPLY D COOLING OR AIR CONDITIONING		N X X				
	57   CABLE TOOL	9 🗌 NOT USED		1 122			· · · · ·	:
METHOD OF	2 CABLE TOOL 2 ROTARY (CONVEN 3 ROTARY (REVERSI	ITIONAL) 7 DIAMOND		<b>  vੱ/</b>				
DRILLING	4 X ROTARY (AIR) 5 AIR PERCUSSION	9 DRIVING		DRILLERS REMARKS:				
	· · · · · ·				58		TE TENER 027	63-68 80
		Drilling Ltd. 15	04	DATE OF INSPECT	rion	ISO4	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	ð 🗌
	<u>34, Orl</u>	éans, Ont. KIC IT						<u> </u>
	ž	SUBMISSION DATE		OFFICE			F	D
	tor	<u>дау 29мо 8</u>	27_	ō		(***	15,154	N I
	ENVIRON	MENT COPY					FORM	7 MOE 07-091

$\overline{\mathbf{O}}$		MINISTRY OF THE The Ontario Wat	er Resources A	Act		316-6	
	WA	ATER WE			<b>ZD</b>	0	e
Ontario	1. PRINT ONLY IN S 2. CHECK 🛛 CORRE	CT BOX WHERE APPLICABLE	15169	10	14 15	<u>F</u>	22 23 24
COUNTY OR DISTRICT	CAN LE tor	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE		CON., BLOCK, TRA	05 <b>0</b> .	FI	228
		berland. O	nt.		DATE C	омріетер 9 мо0	48-53 5 YR.78_
		<b>3</b> ,7,5,9,9		RC BASIN CODI			
2	<u>10 12</u>	G OF OVERBURDEN AND BEDI	ROCK MATERIA	LS (SEE INSTRUCTIO	)NS)		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRI	PTION	FROM	TO
yellow	clay					0	28
blue	clay			,		<u>28</u> 49	<u>49</u> 59
grey g	gravel slate		<u> </u>	·		59	63
grey	SLALE						
		7305	0069219				
		AT CASING & OPEN HOL		SIZE (S) OF OPENIN	4G 31-33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75 80 LENGTH 39-40
	KIND OF WATER	INSIDE MATERIAL WALL DIAM MATERIAL THICKNESS	DEPTH - FEET		YPE	DEPTH TO TOP	FEET 41-44 30
<b>6</b> 3 <sup>10-13</sup> <sup>1</sup> <b>X</b>	FRESH 3 🗌 SULPHUR <sup>14</sup> Salty 4 🗋 Mineral	0610-11 1 X STEE 12	13-16	S		OF SCREEN	FEET
	FRESH 3 🗍 SULPHUR <sup>19</sup> Salty 4 🗋 Mineral		0,000	61 PL	UGGING & S		ORD
20-23 1 [] 2 []	FRESH <b>3</b> _ SULPHUR <sup>24</sup> SALTY <b>4</b> _ MINERAL	17-18 1 ] STEEL 19 2 ] GALVANIZED 3 ] CONCRETE	20-23	FROM TO			PACKER, ETC )
25-28 1 [] 2 []	FRESH 3 🗍 SULPHUR <sup>29</sup> Salty 4 🗍 Mineral	4   OPEN HOLE	27-30	18-21	22-25		**** %
	FRESH 3 [] SULPHUR 3480 SALTY 4 [] MINERAL	2 🗍 GALVANIZED 3 🗋 CONCRETE 4 🗌 OPEN HOLE		26-29	30-33 80		
71 UMPING TESLMETHE		- 15-16 17	-18	LOCAT	ION OF W	ELL	
	WATER LEVEL 25 END OF WATER L	20 GPM 01 HOURS 00 MI EVELS DURING 2 X RECOVERY	NS	AGRAM BELOW SHOW	DISTANCES OF W	ELL FROM ROAD	AND
на 19-21 Ш	PUMPING 22-24 15 MINUTES 26-2	30 MINUTES 45 MINUTES 60 MINUTES 8 29-31 32-34 35	5 5				Th
	055 FEET 050 FEE 38-41 PUMP INTAKE S		42	ζ		,E	
S FEET IF FLOWING. GIVE RATE RECOMMENDED PUMP				<u>)</u>		<b>r</b> '	/
G SHALLOW	DEEP SETTING	0,00	РМ 201	1		,	
FINAL	4 WATER SUPPLY	s 🗋 ABANDONED, INSUFFICIENT SUPPL			and the second state of the second state of the second states and the se		
STATUS OF WELL	2. OBSERVATION WEL 3 TEST HOLE 4 RECHARGE WELL	L 6 ABANDONED POOR QUALITY 7 UNFINISHED	II		an a	->11	
55-1		5 COMMERCIAL 6 MUNICIPAL					
	3 I IRRIGATION 4 INDUSTRIAL	7  PUBLIC SUPPLY COOLING OR AIR CONDITIONING					
	57 1  CABLE TOOL	9 🗌 NOT USED			C. L. R.	190	
METHOD OF	2 🗋 ROTARY (CONVEN 3 🔲 ROTARY (REVERSE	TIONAL) 7 DIAMOND E) 8 DIETTING			At CIND	C Par	a duan
DRILLING	4 🔀 ROTARY (AIR) 5 🗌 AIR PERCUSSION	9 🗋 DRIVING	DRILLERS REMAR	₹KS:			<u> </u>
NAME OF WELL CO		Drilling Ltd. 150	4 DATA SOURCE DATE OF INSP	SB CONTRACTOR	4 28	5°02	63-68 80
ADDRESS		éans, Ont. K1C 1T1	l i u i	PECTION	INSPECTOR	L	
NAME OF DRILLER	OR BORER	LICENCE NUMBER		1			Р
LOO LOO BOUL	MARACIOR	SUBMISSION DATE DAY 19 MO. 05 YR	OFFICE 8		ç* • . · \$		WI
MINISTRY O	F THE ENVIRON					FORM	1 7 MOE 07-09

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Mini	-					Water Resourc			
of th Envi	ironment	WA				ELL	RE		
Ontario	- PRINT ONLY IN SP		15	1734	6	MUNICIP	Č.	i - 1 - 1 - 1	1 19/1
COUNTY OR DISTRICT	2. CHECK 🖄 CORREC	TOWNSHIP, BOROUGH, CITY, TOWN, VILLA	NGE			BLOCK, TRACT, SURVEY			LOT 28"
A 74 A /		C. A BERLANK	) <u>,</u>	<u></u>		CON # (	OLD O	LETED	10-53 CJ
		CUMBERL					DAY_2	с мо	YR. 80
				245	5	2,6 , I	н <u>1.1.1.1</u>		
	LOC	G OF OVERBURDEN AND BE	DROCK N	ATERIALS	S (SEE )	NSTRUCTIONS			TH · FEET
GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS			GENER	AL DESCRIPTION		FROM	то
	046	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				0	7
CAEY	GLAY	· · · · · · · · · · · · · · · · · · ·	·					7	40
BLUE	HARDDAN							40	58
BROWN		······································						58	66
BLACK	GRAVEL LIMESTONE	· · · · · · · · · · · · · · · · · · ·				0		63	70
GREZ		ъ.			<b></b> _			00	, .
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	7 23 0040	205   0058305	00	6,36141		0066811	bei	70215	
						54 S) OF OPENING	1-33 DIAME	TER 34-38	75 40
WATER FOUND		51 CASING & OPEN HC	DEPTH	RD FEET	HH H	T NO )		INCHES	
AT - FEET	SALTY 4 MINERAL	DIAM MATERIAL THICKNESS INCHES INCHES	FRUM	TO 13-16	S S S	ERIAL AND TYPE		DEPTH TO TO OF SCREEN	P 41-44 30 FEET
15-18 1 [	FRESH 3 SULPHUR 19	1 GALVANIZED G CONCRETE 1.85	0 (4	266	61	PLUGGING	G & SEAI	ING REC	ORD
	] SALTY 4 [] MINERAL ] FRESH 3 [] SULPHUR 24	17-18 1 OPEN HOLE 17-18 1 STEEL 19 2 GALVANIZED	\ <b>`</b>	20-23	DEPTH	SET AT - FEET M	ATERIAL AN	TYPE (CI	EMENT GROUT PACKER, ETC )
2 [	_ SALTY 4 [] MINERAL _ FRESH 3 [] SULPHUR <sup>29</sup>	3 CONCRETE 4 OPEN HOLE			1	0-13 14-17			
2 [	□ SALTY 4 □ MINERAL □ FRESH 3 □ SULPHUR <sup>34</sup> 60	24-25 1 🗍 STEEL 26 2 🗍 GALVANIZED		27-30		8-21 22-25 i-29 3D-33 80			
	SALTY 4 MINERAL	3 CONCRETE 4 OPEN HOLE							
71 PUMPING TEST ME	2 BAILER COIL		17-18		L	OCATION O	FWEL	L	
STATIC	WATER LEVEL 25	VELS DURING 2 C RECOVERY		IN DIAG		OW SHOW DISTANCES DICATE NORTH BY AR		FROM ROAL	DAND
TEST 040		30 MINUTES 45 MINUTES 60 MINU	15.37					$\int$	
	T J FEET JUNP INTAKE SE	TAT WATER AT END OF TEST	FEET .	¥					
S FEE IF FLOWING. GVE RATE RECOMMENDED PU	0. m.	FEET 1 CLEAR 2 CLO	UDY				ί		
SHALLO		6 FEET RATE DOOS	GPM					24	
50-53	34							N N	
FINAL STATUS	2 C OBSERVATION WELL 3 C TEST HOLE	s ☐ ABANDONED, IN\$UFFICIEÑT SUP 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED			T	\$10	>	L.	
OF WEL	4 RECHARGE WELL	S COMMERCIAL			80	1	4	V	
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USE	4 🗍 INDUSTRIAL	COOLING OR AIR CONDITIONING			C	and by Rop	ar ar		
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DRILLING	S AIR PERCUSSION			LLERS REMARKS					
NAME OF WELL	CONTRACTOR	R LTO 1517	ONLY	DATA SQURCE	50	contractor 59-62 1517		<b>98</b>	G
	CASSELMA	/ /	w	DATE OF INSPECT	ION	INSPECTOR	The		✓
A NAME OF DRILL			SE US	REMARKS		I	• • -•		
SIGNATURE OF		SUBMISSION DATE	OFFICE						~
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01		FRESH <sup>3</sup> SULPHUR <sup>14</sup> SALTY <sup>4</sup> MINERAL	10-11 1 1 12 1	188	0 00773	e S			OF SCREEN	FEET
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<b>TOR</b>	G.Char	bonneau+Son	Drilling Ltd	1504	DATE OF IN		1504 INSPECTO	05	048	3
RACTOR			rleans, Ont.	KIC 1T1 ENCE NUMBER				•		
CONTR		ond/Charbonne	au		OFFICE					
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Office       10000       10000       10000       1000000000000000000000000000000000000		nistry		The	Ontario Water Re	esources Act
Ottawe-Carledon         Curberland         1		1. PRINT ONLY.II	N SPACES PROVIDED			60 M
1.1. Cueberland, Ont.			TOWNSHIP, BORGUGH CITY TOWN VILLA		LON BLOCK (RACT	SURVEY ETC LOL OB27
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UOB OF OVERBURDEN AND BEDROCK MATCHALS SEE ALL MADE         VIER ALL PLAT         <			THING	RC ELEVATION		
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	41 WAT	TER RECORD	51 CASING & OPEN HOL			65 75 80 31-33 DIAMETER 34-38 LENGTH 39-40
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Image:	<b>20</b> 66 <sup>2</sup> 🗆	FRESH 3 🗌 SULPHUR 14 SALTY 4 🗌 MINERAL	19-11 1 STEEL 12 199		S	OF SCREEN
1       1			06 3 CONCRETE 4 OPEN HOLE			GING & SEALING RECORD
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38-33       I BESCH 10 BURNER 10       I BORNER 10 <th></th> <th>FRESH 3 SULPHUR 29 SALTY 4 MINERAL</th> <th>24-25 1 ] STEEL 26</th> <th></th> <th></th> <th></th>		FRESH 3 SULPHUR 29 SALTY 4 MINERAL	24-25 1 ] STEEL 26			
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OF WELL 4 RECHARGE WELL 55-56 WATER USE 0/ 2 = 0  STOCK 6 = MUNICIPAL USE 0/ $4 = 1  INDUSTRIAL 6 = COOLING OR AIR CONDITIONING 1 = 0  OTHER 7 = 0  INDUSTRIAL 6 = COOLING OR AIR CONDITIONING 1 = 0  OTHER 7 = 0  INDUSTRIAL 6 = COOLING OR AIR CONDITIONING 1 = 0  OTHER 7 = 0  INDUSTRIAL 6 = COOLING OR AIR CONDITIONING 1 = 0  OTHER 7 = 0  INDUSTRIAL 6 = COOLING OR AIR CONDITIONING 1 = 0  OTHER 7 = 0  INDUSTRIAL 6 = DORING 2 = 0  ROTARY (AIR) 7 = 0  DIAMOND 0 = 0  JETTING 0 = 0  JETING 0 = 0  JETING$		2 OBSERVATION WELL	6 🔲 ABANDONED, POOR QUALITY		(	
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OF dilling and charbonneau submission bate bubmission bate bub	METHOD			4 V		
Source       Date All Percussion         Drillers remarks		3 🔲 ROTARY (REVERSE) 4 🏛 "ROTARY (AIR)	8 JETTING			
G. Charbonneau *Son Drilling Ltd       1504         Address       Source       1504         Address       Jore of Driller or Borer       020583         Raymond       Charbonneau         Submission Darte       Licence NUMber         Submission Darte       Licence NUMber						
R.R. 2. Box 194, Orleans, Ont. KlC 171     Box       NAME OF DRILLER OR BORER     LICENCE NUMBER       Raymond Charbonneau     UICENCE NUMBER       Substant Region     SUBMISSION DATE						
S Raymond Charbonneau	IS ADDRESS				ON INSPECTOR	v~ v 3 83
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COUNTY OF DISTRICT	1. PRINT ONLY IN S 2. CHECK 🔀 CORRI	ECT BOX WHERE APPLICABLI		8	15183	31			<b>;</b> LLLL	
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	F	G OF OVERBURD	EN AND BI	EDROG	CK MATERIAL	30 S (SEE	31 INSTRUCTIONS		· · · · ·	
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2	SALTY 4 I MINERAL FRESH 3 I SULPHUR	12 [] GALVANIZED  3 [] CONCRETE  4 [] OPEN HOLE				FROM 10	-13 14-17	· · · · · · · · · · · · · · · · · · ·	LEAD PA	CKER, ETC )
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₩ <i>0</i> 50	i a minores	30 MINUTES 45 MINUTE 050 <sup>29-31</sup> 050 <sup>3</sup> FEET	<sup>2-34</sup> 0503		1		( 19	3		个
U FEET IF FLOWING GIVE RATE RECOMMENDED PUMF	38-41 PUMP INTAKE SET	AT WATER AT END	OF TEST	42						7
RECOMMENDED PUNF	P TYPE RECOMMENDED	43-45 RECOMMENDED	24	-49			{ {	22		lorth
50-53						-3	<u> </u>			_<
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WELL	S 🗌 ABANDONED. INSU S 🔲 ABANDONED POOL		LY			Stomikes 5	^  ↑		
OF WELL	3 TEST HOLE 4 TRECHARGE WELL	7 [] UNFINISHED			ব্র			8	Xex	
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	3 ROTARY (REVERSE) 4 ROTARY (AIR)	■ □ JETTING ■ □ DRIVING							5	
NAME OF WELL CO	AIR PERCUSSION		CENCE NUMBER		RILLERS REMARKS	58	NTRACTOR 59-62			
	rbonneau+Son					1	ISO II		88	63-68 80 3
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	d Charbonneau	1	CENCE NUMBER		1					
	abore	SUBNISSION DATE	06 yr.	8 <b>3</b> 0	5		:- <sup></sup>		~~~	Gr
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COUNTY OR DISTRICT	2. СНЕСК 🗵 СОР	N SPACES PROVIDED	11	1524	109			101
	Carleton	TOWNSHIP, BOROUGH, CIT		E	CON	1 O.S.	ETC	Pt 28
		ber	land, O	ntario	L		DATE COMPLETED	48-53
				RC. ELEVATION	RC.	RASIN CODE	лат <u>09</u> мо <u>1</u>	<u>2                                    </u>
	<u>12</u> L		AND BED	ROCK MATERI		INSTRUCTIONS)		47
GENERAL COLOUR	1	OTHER MA	·······			RAL DESCRIPTION	DE FROM	PTH · FEET
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	WATER LEVEL 25	10	17-18 15 MIN5 PUMPING			DW SHOW DISTANCES OF		
	PUMPING 22-24 15 MINUTES	30 MINUTES 45 MINUTES	RECOVERY	LOT L		ICATE NORTH BY ARROW		<b>71 Y</b>
	170 FEET 110 FEET 38-41 PUMP INTAKE S		T 71 FEET		1		ζ	Verth
	GPN 1	10	F TEST 42				{	
SHALLOW	PUMP	43-45 RECOMMENDED PUMPING RATE	46-43 4 GPM					
50-53				341			-5	$\overline{}$
FINAL STATUS	I WATER SUPPLY 2 OBSERVATION WELL 3 TEST HOLE					1.1mill	es (	
OF WELL	4 🗍 RECHARGE WELL	7 UNFINISHED		7	31/	10		6
WATER	DOMESTIC     DOMESTIC     STOCK     INRIGATION	S COMMERCIAL MUNICIPAL PUBLIC SUPPLY			YT.			
USE	4 D INDUSTRIAL	COOLING OR AIR CONDIT					,	<b>/</b> (
METHOD	7 1 CABLE TOOL 2 ROTARY (CONVENTI				•			
OF CONSTRUCTIO	N A ROTARY (REVERSE)	ONAL) 7 🗌 DIAMOND 8 🛄 JETTING 9 🗋 DRIVING					F	9251
NAME OF WELL CO	AIR PERCUSSION			DRILLERS REMARK		· · · · · · · · · · · · · · · · · · ·		J2 J T
			CONTRACTOR'S	DATA SOURCE Z DATE OF INSPEC	58 COI	504 DATE R	JAN 29 19	90 **** **
R.R.2,Be	ox 194, Orlés	illingLtd, 15 ans, Ont. KIC	1 <b>T</b> 1	l ui l	TION	INSPECTOR	<u> </u>	
	TECHNICIAN		TECHNICIAN'S CE NUMBER					34
U SIGNATURE OF TE	ECHNICUN/CONTRACTOR	SUBMISSION DATE T	-0458	OFFICE				
MINISTRY O	F THE ENVIRONM	09_ MO 1	2 <u>v</u> r89				FORM NO. 0506	(11/86) FORM 9

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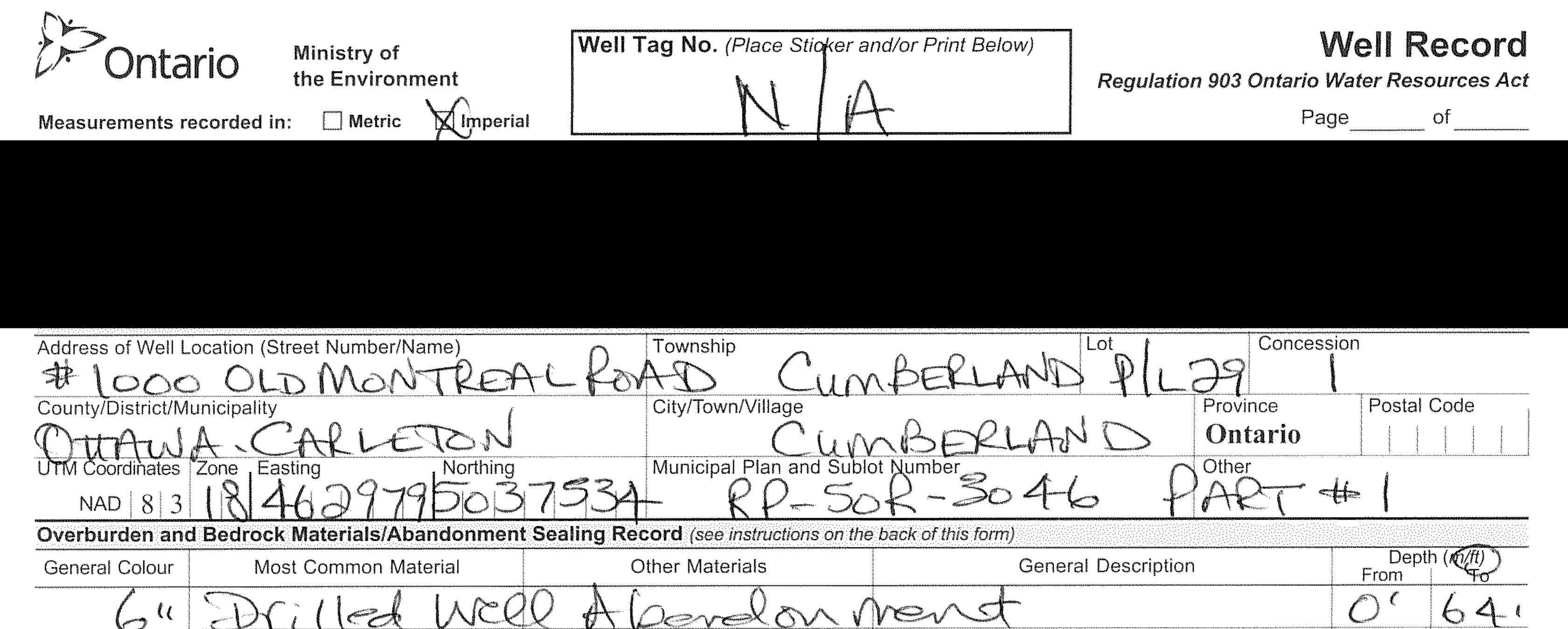
🗑 Ontar	rio Ministry of the Environment	· · · · · · · · · · · · · · · · · · ·			ater Resources Act			
Print only in spaces Mark correct box wit	provided. th a checkmark, where applicat		153383					
County or District	a - Parleto	Address	/Town/Village		c, $d$ , $d$			
$976 - 012 \cdot 1001 + 1001 + 1001 + 1001 + 10000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 10000 + 1000$								
1 2	M 10 12	F OVERBURDEN AND BED	ROCK MATERIALS	(see instructions)	47			
General colour	Most common material	Other materials		General description	Depth - feet From To			
Brown	Play			Soft	07			
Grey	Play			Soft	7 50			
Giey	Cunvel			Soft	50 56			
brey	SHALF			Torous	56 5€			
Grey	himestone			Hard	58 69			
31								
32			┶┙┕┹┷┹┹┸┹┷ ╷╢╙╓┰┲╢╢╻	╶┸┸┸┚└┵┸┶┶┸╴┵┶┶┷┵				
41 <b>WATER I</b> Water found	RECORD 51 Inside	CASING & OPEN HOLE	A3 RECORD Depth - feet	Sizes of opening 31-33 (Slot No.)	65         75         80           Diameter         34-38         Length         39-40			
at - feet	Kind of water diam inches	Material thickness inches	From To	Material and type	inches feet Depth at top of screen 30			
5 ⊄ 2 ⊡ Sa	alty 6 Gas	$\begin{array}{c c} 1 & \hline & 12 \\ 2 & \Box & \text{Galvanized} \\ 3 & \Box & \text{Concrete} \end{array}$	0 58	S S	41-44 fæt			
<sup>15-18</sup> 1 🗆 Fr 2 🗌 Sa		4 □ Open hole 5 □ Plastic 1 □ Steel 19	20-23	61 PLUGGING & S				
<sup>20-23</sup> 1 🗆 Fr 2 🗆 Sa		2 Galvanized 3 Goncrete	58 69	Comparison of the set of the	Abandonment      dtype (Cement grout, bentonite, etc.)			
<sup>25-28</sup> 1 🗆 Fr 2 🗋 Sa	resh <sup>3</sup> Sulphur <sup>29</sup> <sup>4</sup> Minerals <sup>24-25</sup>	4 D Open hole 5 Plastic 1 Steel 26	27-30	0°13 248 P-	mant back			
<sup>30-33</sup> <sup>1</sup> □ Fr <sup>2</sup> □ Se	resh 3 🗌 Sulphur 34 60	2 Galvanized 3 Concrete 4 Open hole 5 Plastic		18-21         22-25           26-29         30-33         80	F/ 30			
Pumping test metho 1  Pump 2			]	LOCATION OF WEI	<sup>2</sup> x 1			
		Pumping 2 Pumping 2	In diagr Indicate	am below show distances of we north by arrow.	ell from road and lot line. 🎢			
LS Claude lot of end of	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\rightarrow   \alpha 5   \alpha 7$		Hanne	17			
L feet If flowing give rate	38-41 Pump intake set at	bet         feet         feet           Water at end of test         42		11-10-7	$\langle -$			
Shallow	GPM 55 fe	45 Recommended 46-49 pump rate		, ,				
50-53			il 🥈	\$				
A water supply     Observation w     Diservation w     Diservation w     A Diservation w	7 Abandoned (Other)		«					
WATER USE	55-56 5	9 🗌 Not use	1	Uld M	ont.			
2 Stock 3 Irrigation 4 Industrial	6	10 Other			ontrack.			
METHOD OF COM					N			
<ol> <li>Cable tool</li> <li>Rotary (conversion)</li> <li>Botary (reversion)</li> <li>Rotary (air)</li> </ol>	5       Air percussion         ntional)       6       Boring         se)       7       Diamond         8       Jetting       .	<ul> <li>Driving</li> <li>Digging</li> <li>Other</li> </ul>	\ \	7 15	251152			
Name of Well Contractor	TER-well. Dr. H.	Well Contractor's Licence No	Source	58 Contractor 0 0 6 59-62	Date received 63-68 80			
SF - D Name of Well Technicia	lbent. Oh	Well Technician's Licence No	Remarks					
Louis	Desnoyeus	1-625			CCC ECT			
Signature of Technician	Contractor	Submission date	N		CSS.ES3			
	Y OF THE ENVIRONM				0506 (07/00) Front Form 9			

Ontario Ministry of the Environment	ell Tag No. (Place Sticker an			Vell Record	
Measurements recorded in: Metric Imperial			Pag	e of	
Well Owner's Information					
First Name Boulet Construction		E-mail Address		Well Constructed by Well Owner	
Mailing Address (Street Number/Name) Cotineau	Municipality	Province Postal Code		e No. (inc. area code)	
239 maurice St-Louis		Suedec J9J2	x28/19	6828288	
Well Location		Lat	Concessi	00	
Address of Well Location (Street Number/Name) 1024-1026 Old Monther Rd	Township	naberland 28-2	9 Concessi	. /	
County/District/Municipality	City/Town/Village	madele intra and or	Province	Postal Code	
Ottown Region	Ottowa		Ontario		
UTM Coordinates Zone Easting Northing NAD 8 3 1 8 46 3 1 58 50 37 51	Municipal Plan and Sublo	t Number	Other		
Overburden and Bedrock Materials/Abandonment Sealing		back of this form)	Contractor States		
General Colour Most Common Material	Other Materials	General Description	1.1.1.1.1.1.1.1	Depth ( <i>m/ft</i> ) From   To	
excalate + Cut Cas	inc			D SFt	
Hala Plus Benton ita	9	11 BAG		5 35 FY	
Clerin Clerin Ctara		1031 Cabic y	and	35 60 FU	
Changer Change =10me		wor case y	MRG	12 4017	
Annular Space		Paculte of W	ell Yield Testin		
Depth Set at (m/ft) Type of Sealant Used	Volume Placed	After test of well yield, water was:	Draw Down	the second se	
From To (Material and Type)	(m³/ft³)	Clear and sand free	Time Water Le		
		Other, specify     If pumping discontinued, give reason:	(min) (m/ft) Static	(min) (m/ft)	
		in pumping discontinued, give reason.	Level		
			1	1	
		Pump intake set at (m/ft)	2	2	
		Pumping rate (I/min / GPM)	3	3	
	Vell Use Commercial Not used		4	4	
Rotary (Conventional)	Municipal Dewatering	Duration of pumping			
	Test Hole Monitoring Cooling & Air Conditioning	hrs + min Final water level end of pumping (m/R)	5	5	
Air percussion	cooling a Air conditioning	The water level end of pumping (may	10	10	
Other, specify Other, specify		If flowing give rate (I/min / GPM)	15	15	
Construction Record - Casing     Inside Open Hole OR Material Wall Depth (m/	(ft) Water Supply	Personanded sums doubt (m/fft)	20	20	
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From	To Replacement Well	Recommended pump depth (m/ft)	25	25	
	Test Hole  Recharge Well	Recommended pump rate	30	30	
	Dewatering Well	(Vmin / GPM)			
	Observation and/or Monitoring Hole	Well production (Vmin / GPM)	40	40	
	Alteration	Disinfected?	50	50	
	(Construction)	Yes 🗌 No	60	60	
Construction Record - Screen	Insufficient Supply Abandoned, Poor		ell Location	A State In Longer	
Outside Material Depth (m/ Genetic (Plastic, Galvanized, Steel) Slot No.	Abandanad ather	Please provide a map below following	instructions on the	e back.	
(cm/in) (Plasoc, Galwanized, Steel) From	specify	Old monthse	101	M	
	Other, specify	all months	alka		
		Olan			
Water Details	Hole Diameter				
Water found at Depth Kind of Water: Fresh Untested	Depth ( <i>m/ft</i> ) Diameter From To ( <i>cm/in</i> )			560	
(m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested		2 pr		EF	
(m/ft) Gas Other, specify					
Water found at Depth Kind of Water: Fresh Untested		. 2			
(m/ft) Gas Other, specify		10			
Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No.					
RAUMORAL Rumo +4/00	Well Contractor's Licence No.			*	
Business Address (Street Number/Name) Box 18	Municipality	Comments:			
147 mAin St, St-Albert	NATion				
Province Postal Code Business E-mail Address					
Bus. Telephone No. (inc. area code) Name of Well Technician (Last	Well owner's Date Package Delivered	2 Audit No	istry Use Only		
6113 918712131919 RAYMOUD	delivered		128682		
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted					
0508E (2002/1/2) BOUNDARY	20110930	ANO 2011/09	A NOVa	0 1 2011	
0506E (2007/12) © Queen's Printer for Ontario, 2007	Ministry's Copy				

Well Tag No. (Place Sticker and/or Print Below) Well Record Ministry of Ontario the Environment Regulation 903 Ontario Water Resources Act Measurements recorded in: Metric Imperial Page Well Owner's Information First Name Boule Last Name / Organization E-mail Address Well Constructed Construction by Well Owner Mailing Address (Street Number/Name) 239 MauRice St-Lo Municipality Province Postal Code Telephone No. (inc. area code) EATineau Louis JI9JI2X28196828288 Quebec Well Location Address of Well Location (Street Number/Name) Old Survey Cumber And Concession 1024-1026 Old Montheal Rd County/District/Municipality 28-29 Con City/Town/Village Province Postal Code UTM Coordinates Zor Ottowa Ontario Region Easting Municipal Plan and Sublot Number Northing Other NAD 8 3 1 8 46 3 1 30 50 3 7612 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) Depth (m/ft) From | To General Colour Most Common Material Other Materials General Description eXCAUATE it CASING SFT 0 Bentonite Hole us 5Ft 40 CLEAN STORE LEAR VARD 4017 80 well eromition Annular Space **Results of Well Yield Testing** Type of Sealant Used (Material and Type) Depth Set at (m/ft) After test of well yield, water was: Volume Placed Draw Down Recovery From  $(m^3/ft^3)$ To Clear and sand free Time Water Level Time Water Level Other, specify (min) (m/ft) (m/ft) (min) Static If pumping discontinued, give reason: Level 1 1 Pump intake set at (m/ft) 2 2 3 3 Pumping rate (I/min / GPM) Method of Construction Well Use Public Cable Tool Not used 4 4 Diamond Commercial Duration of pumping Rotary (Conventional) Jetting Domestic Dewatering
Monitoring Municipal 5 5 Rotary (Reverse) hrs + min Driving Livestock Test Hole Boring Digging Irrigation Cooling & Air Conditioning Final water level end of pumping (m/ft) 10 10 Air percussion Industrial Other, specify Other, specify 15 15 If flowing give rate (I/min / GPM) **Construction Record - Casing** Status of Well 20 20 Inside Diameter Open Hole OR Material Depth (m/ft) Water Supply Wall Recommended pump depth (m/ft) (Galvanized, Fibreglass, Concrete, Plastic, Steel) Thickn Replacement Well From To 25 25 (cm/in) (cm/in) Test Hole Recommended pump rate (Vmin / GPM) 30 30 Recharge Well Dewatering Well 40 40 Observation and/or Monitoring Hole Well production (I/min / GPM) 50 50 Alteration Disinfected? (Construction) Yes 🗌 No 60 60 Abandoned. Insufficient Supply **Construction Record - Screen** Map of Well Location Abandoned, Poor Water Quality Outside Material (Plastic, Galvanized, Steel) Depth (m/ft) Please provide a map below following instructions on the back Diamete (cm/in) Slot No X Abandoned, other, From To TN Rd specify Old montreal Notin use Other, specify 370 Water Details Hole Diameter Water found at Depth Kind of Water: Fresh Untested Depth (m/ft) Diamete (cm/in) From (m/ft) Gas Other, specify To Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor's Licence No 726 Aymond Pump iness Address (Street Number/Name) 0 Well inality Bax 18 Comments Munic MAIN ST S SY Albert Ont. Code Business E-mail Address NAT. KOABLO Well owner's information Date Package Delivered Ministry Use Only Audit No hone No. (inc. area code) Name of Well Technician (Last Name, First Name) 20110929 package delivered 619 9872399 KA JMond JAC 9065 Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted 28681 Z Date Work Completed Yes 264 20110930 ANO 20110926 RAIDY 0 1 2011 © Queen's Print

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Annular Space	1 Results of We	Il Yield Testing
Depth Set at ( <i>m/ft</i> ) Type of Sealant Used Volume Placed	After test of well yield, water was:	Draw Down Recovery
From To (Material and Type) $(m^3/ft^3)$	Clear and sand free	Time Water Level Time Water Level (min) (m/ft) (min)
64 6 128 Hole 14 Dag	If pumping discontinued, give reason:	Static
61 Beelettu 1		Level 1
	Pump intake set at ( <i>m/ft</i> )	<u> </u>
		2
Method of Construction	Pumping rate (I/min / GPM)	3
Cable Tool Diamond Public Commercial Not used	Duration of pumping	4/
Rotary (Conventional)       Jetting       Domestic       Municipal       Dewatering         Rotary (Reverse)       Driving       Livestock       Test Hole       Monitoring	hrs + min	5
Boring       Digging       Irrigation       Cooling & Air Conditioning         Air percussion       Industrial	Final water level end of pumping (m/t)	10
Other, specify	If flowing give rate (I/min / GPM)	15
Construction Record - Casing / Status of Well		20 20
Inside Open Hole OR Material Wall Depth ( <i>m/ft</i> ) Uvater Supply Diameter (Galvanized, Fibreglass, Thickness From Replacement Well	Recommended pump depth (m/ft)	25
( <i>cm/in</i> ) Concrete, Plastic, Steel) ( <i>cm/in</i> ) Tom	Recommended pump rate	
Recharge Well     Dewatering Well	(I/min / GPM)	30 30
Observation and/or	Well production (I/min / GPM)	40 40
Monitoring Hole	Disinfected?	50
(Construction)		60
Construction Record - Screen	Map of We	II Location
Outside Diameter	Please provide a map below following in	nstructions on the back.
(cm/in) (Plastic, Galvanized, Steel) Silot No. (cm/in) (Plastic, Galvanized, Steel) Silot No. Specify		
LATY WATES		Inco ULL
		1000 POAD
Water Details	Man B	Krall man
Water found at Depth Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         (m/ft)       Con       Other energies       From       To       (cm/in)		
(mft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested		= 1260'
(m/ft) Gas Other, specify	$   \leq  2 - \sqrt{2}$	1 Juli
Water found at Depth Kind of Water: Fresh Untested		
(m/ft) Gas Other, specify Well Contractor and Well Technician Information		
Business Name of Well Contractor		
HIKKOCK BRUCINGCOPPIUS		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Business Address (Street Number/Name)	Comments:	
Province Postal Code Business E-mail Address		
$\frac{6NR}{46A-320}$	Well owner's Date Package Delivered	n ne en la national de la balla de la construcción de la construcción de la construcción de la construcción de Referencia de la construcción de la
Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)	delivered	Audit No.2191478
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted	Yes Date Work Completed	
14- Kange \$01508310	X00 12081	<u>1   sep 2 / 2015</u>
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	Ministry of the Environme and Climate Change	nt Well Tag No. (Place Si	ticker and/or Print Below)	7	Well Record
Measurements recorded	_ /	ADIGOS	7	Regulation 903 O	Intario Water Resources Act
Well Owner's Inform		<u>_//2/0-0</u>		<u></u>	Pageof
First Name	Last Name / Organiz	ation Chevrier	E-mail Address	5	Well Constructed by Well Owner
Mailing Address (Street N 32 STEAC		Municipality	Province		Telephone No. (inc. area code)
Well Location		<u> </u>	A ON	424224916	611393617422
Address of Well Location	F	ZN Township	CLEANS	Lot	Concession
County/District/Municipal	lity	City/Town/Village		Provinc	31 6 6 - 1 - 12
UTM Coordinates Zone	Easting Northing	Municipal Plan ar	<u>ームいん</u> nd Sublot Number	Onta Other	ario KUAIZIMS
NAD 8 3 4 3	<u>91316171918191613</u>	7 5 4 0 Sealing Record (see instruction			
	Most Common Material	Other Materials		neral Description	Depth ( <i>m/ft)</i> From   To
Grey	CLAY		Dense	j	0 3'6"
/	<i>y</i>				
· ·					**************************************
			· · · · · · · · · · · · · · · · · · ·		
				······	
					······································
Depth Set at (m/ft)	Annular Space Type of Sealant Us	ed Volume Pla	ced After test of well yiek	Results of Well Yield	1 Testing aw Down Recovery
From To	(Material and Type) R L	(m³/ft³)	Clear and sand		Water Level Time Water Level (m/ft) (min) (m/ft)
	<u> </u>	ht chips 25pc	unds If pumping discontinu		
1' 2'6"		<u> </u>	<u>us</u>	1	1
		······································	Pump intake set at	(m/ft) 2	2
Method of Const		Well Use	Pumping rate (I/min	3 ( <i>GPM</i> )	3
	Diamond Public Jetting Domestic	Commercial Not	atering Duration of pumpin		4
,	Driving Livestock	Test Hole Mon Cooling & Air Conditioning		_ min 5 1 of pumping (m/ft) 10	5
Air percussion Other, specify	Industrial				10
1	ruction Record - Casing	Status of V	If flowing give rate (	20	20
Inside Open Hole Of Diameter (Galvanized, f (cm/in) Concrete, Plas	Fibreglass, Thickness _	epth ( <i>m/ft</i> ) Uvater Supply		mp depth (m/fi) 25	25
Miller Concrete, Ma		Test Hole     Recharge W	ell ( <i>I/min / GPM</i> )	mp rate 30	30
1/4 PLAST	0 0	Dewatering \	Nell		40
		Monitoring Ho	De	50	50
	· · · · · · · · · · · · · · · · · · ·	(Construction Data Construction	Yes No	60	60
Outeido		Abandoned,	Poor	Map of Well Loca ap below following instruction	
Diameter ( <i>cm/in</i> ) (Plastic, Galvan		epth (m/ft) Water Quality To Abandoned, specify	· II	in perow ipidwild lugracio	Ins off the back.
11/4 Plast	Hick Sch40 1	3'6"		and the second	
		Other, specif	<b>5</b>	ſ	
	Water Details	Hole Diameter	imeter	· · ·	
( <i>m/ft</i> ) 🗌 Gas 🗌	Other, specify		m/in)		5 (20)
( <i>m/ft</i> ) Gas	nd of Water: Fresh Untes	$\frac{1}{2} \frac{3}{6} \frac{3}{6} \frac{6}{6}$			
	nd of Water: Fresh Untes	ted		$ \land ) $	
Well (	Contractor and Well Techn	 clan Information			
Business Name of Well Co forcae Ge	Serville Drillins	Well Contractor's Licen	ice No.	1 Martin	a de la companya de la
Business Address (Street I	Number/Name)	Municipality	Comments:		
Province Posta	al Code Business E-mail				
OC JO	VIIIIO +bacco	Nax OG Renville	nomaion	Package Delivered	Ministry Use Only Audit No. プク25710
Bus.Telephone No. (inc. area 819242666	159 Vincent	Houle	delivered	Y Y Y M M D D	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Well Technician's Licence No.	Signature of Technician and/o		Yes	21416m12b14	DEC 2 0 2016
0506E (2014/11)	- my charge	Ministry's		I PROVINCE P	© Queen's Printer for Ontario, 2014

Name         Manual Address (Street NumberName)         Manual Address (Street NumberName)         Manual Address (Street NumberName)         Manual Address (Street NumberName)         Concession           Meet Coexing         Address (Street NumberName)         Concession         Concession         Concession         Concession           Meet Coexing         On Montreal Range         Concession         Concession         Concession         Concession           UNIT Coordinates         Zone (Street NumberName)         Concession         Concession         Concession         Concession           UNIT Coordinates         Zone (Street NumberName)         Concession         <		O and Clin	r of the Environm mate Change fletric Imperi		a <b>g No.</b> (Place Sticker a 65506	and/or Print Below)	Regulatio	n 903 O		ater Res	Sources Ac
Main & Address Stores Numburklam         Hard 2         Ch & Uffice         Provide	Second and a second		act Name / Organ				-				
3.3.     5.1.			HOUL	Chevr	125	E-mail Address			[	_	Constructed ell Owner
Well Science         Call Call         Concession           Do S         D Montfred Well Science         D C I CANS         Concession           Outpoint         D C I CANS         O C I CANS         Concession           Outpoint         D C I CANS         O C I CANS         Concession           Outpoint         D C I CANS         O C I CANS         Concession           Outpoint         D C I CANS         O C I CANS         Concession           UNIN Coordinates         Zone         Sale         Concession         Point Concession           Mon Los Data Concent Natural         Other Materials         Concession         Point Concent Natural         Other Materials         Concession         Point Concent Natural         Point Concent Natural         Point Concent Nat			ne) N O	I	Municipality	Province			Felephone	No. (inc.	area code)
Deck     OIL     OIL       Umber only matrix formationary in the series of the serie	ell Location		<u>1) K</u>		KANWIA		KKKK	<u>AMI(</u>	<u>d ( 1</u> 517	<u>776</u>	1424
Contry Detroited Nanopality Control National Control Nati	Idress of Well Loca			0		ANIS	Lot	1	Concessio	n	
Unit December 2011  Unit December 2011  December 2011  Mont 18 21  Method 18 2  Method 18  Method 1  Method 18	unty/District/Munic			KD (				Provin	ce	Posta	I Code
Number 1813         1813         171         175         171 <t< td=""><td>M Coordinates Zor</td><td>ne . Eastino</td><td>. Northinc</td><td> P</td><td></td><td></td><td></td><td></td><td>ario</td><td>KK4</td><td><u> 1</u>31018</td></t<>	M Coordinates Zor	ne . Eastino	. Northinc	P					ario	KK4	<u> 1</u> 31018
General Coorr         Most Common Material         Other Materials         General Description         Topolf           Corr         Cl A 4         Definition         Def	NAD 8 3 4	135131619	3117Sor	373410				Other			
Care 4     Clay     From       Care 4     Clay     Clay       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       Dent 3et al (PD)     Tree of Sector Lived     Volume Placed       At     Domarco     Domarco       Dent 5et al     Domar										Der	nth ( <i>m/ft</i> )
Deeph Sat at ( <i>n</i> /i)       Type of Sealan Used       Volume Placed       Material and Type)         Image: State ( <i>n</i> /i)       Draw Down       Recor         Image: State ( <i>n</i> /i)       Pack Tork ( <i>i</i> / <i>i</i>					ier materials	Gene	ral Description	1		From	
Depth Sait 4 (mit)       Type of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       Well form of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       State (mit)       Draw Down       Record         Image: Sealant Used       Image: Sealant Used       Draw Down       Record         Image: Sealant Used         Image: Sealant Used <td>210/</td> <td></td> <td><u>t</u></td> <td></td> <td></td> <td>- <math>vere</math></td> <td><u>Lo</u></td> <td></td> <td></td> <td><math>\bigcirc</math></td> <td>42</td>	210/		<u>t</u>			- $vere$	<u>Lo</u>			$\bigcirc$	42
Death Set at (m?)       Type of Sedam Used       Volume Placed       March 14 and Type)         Image: Set at (m?)       20       Death Set at (m?)       Draw Down       Recommended (m?)         Image: Set at (m?)       20       SAUC       SSO pounds       Time Vise and transmitted (well year weathing)       Time Vise and transmitted (weathing)       Time Vise and transmitt											
Depth Set at (mf)       Type of Sealart Used       Volume Placed       Material and Type)         Image: Sealar Construction       Draw Down       Record         Image: Sealar Construction       State (and the placed)       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Coble Tool       Obmende       Image: Sealar Construction         Arc parameteria       Doam Hold Construction       Image: Sealar Construction											
Depth Set at (m/l)       Type of Sealant Used       Volume Placed       Material and Type)       Time Vised of well years water water       Time Vised and Type)         Image: Second Seco					4494						
Depth Sait 4 (mit)       Type of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       Well form of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       State (mit)       Draw Down       Record         Image: Sealant Used       Image: Sealant Used       Draw Down       Record         Image: Sealant Used         Image: Sealant Used <td></td>											
Depth Sait 4 (mit)       Type of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       Well form of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       State (mit)       Draw Down       Record         Image: Sealant Used       Image: Sealant Used       Draw Down       Record         Image: Sealant Used         Image: Sealant Used <td></td> <td></td> <td></td> <td></td> <td>······································</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					······································						
Depth Set at (mf)       Type of Sealart Used       Volume Placed       Material and Type)         Image: Sealar Construction       Draw Down       Record         Image: Sealar Construction       State (and the placed)       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Coble Tool       Obmende       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Arc parameteria       Down Hold Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction       Image: Sealar Construction         Image: Construction Record - Costing       Image: Sealar Constend Const											
Depth Sait 4 (mit)       Type of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       Well form of Sealant Used       Volume Placed       Material and Type)         Image: Sealant Used       State (mit)       Draw Down       Record         Image: Sealant Used       Image: Sealant Used       Draw Down       Record         Image: Sealant Used         Image: Sealant Used <td></td>											
From         To         (idiaterial and Type)         (m/ft)           O         20         Bartony         350         350           20         23         SANJ         LOC pounds         If uniping discontinued, give reason           20         23         SANJ         LOC pounds         If uniping discontinued, give reason           21         1         1         1         1         1           22         23         SANJ         LOC pounds         If uniping discontinued, give reason         If uniping discontinued, give reason           22         22         22         2         2         2         2           Method of Construction         Well Use         Ownerspan         Domesic         Montipping         Domesic         Montipping           Boring         Domesic         Manipping         Insetto         Montipping         5         5           Boring         Devestor         Test Hole         Status of Well         Final water level of of pumping (m/ft)         10         10           Indefended         Open Hole OR Method         Deenth (m/ft)         Replacement Well         Recommended pump depin (m/ft)         20         20         20         20         20         20         20	Denth Set at (m/ft)			A PROPERTY AND A REPORT OF A DESCRIPTION OF	Volumo Discod			2		2020/2010/07/2020	
20       23       SAU       100       Data       11       1         20       23       SAU       100       Data       1       1         1       1       1       1       1       1       1         1       1       1       1       1       1       1       1         1 <td< td=""><td></td><td></td><td>(Material and Type</td><td>e)</td><td></td><td>Clear and sand f</td><td></td><td>Time</td><td>Water Leve</td><td>l Time</td><td>Water Level</td></td<>			(Material and Type	e)		Clear and sand f		Time	Water Leve	l Time	Water Level
Image       SAW d       Image       Image <th< td=""><td>0 20</td><td></td><td></td><td></td><td>250 poinds</td><td></td><td>nd dive reason:</td><td>Static</td><td>(m/it)</td><td>(min)</td><td>(m/fi)</td></th<>	0 20				250 poinds		nd dive reason:	Static	(m/it)	(min)	(m/fi)
Image: Status of Viel Uses       Pumping rate ( <i>Imin / GPM</i> )       2       2         Image: Status of Viel Uses       Image: Status of Viel Uses       3       3         Image: Status of Viel Uses       Image: Status of Viel Uses       10       10       10         Image: Status of Viel Uses       Image: Status of Viel Uses       Image: Status of Viel Uses       10       10         Image: Other, specify       Image: Status of Viel Uses       Image: Status of Viel Uses       11       10       10         Image: Other, specify       Image: Status of Viel Uses       Status of Viel Uses       Image: Status of Viel Uses       15       15         Image: Open Hole OR Material Uses       Viel Uses       Image: Status of Viel Uses       Image: Status of Viel Uses       20       20         Image: Open Hole OR Material Uses       Viel Uses       Image: Status of Viel Uses       Image: Status of Viel Uses       25       25         Image: Open Hole OR Material Uses       Viel Uses       Image: Open Hole OR Material Uses       Viel Uses       16       10       10       10         Image: Open Hole OR Material Uses       Viel Uses       Image: Open Hole OR Material Uses       Viel Uses       26       25       25       25       25       25       25       25       25       25       25 </td <td>20 25</td> <td><u>S</u>i</td> <td>AND</td> <td></td> <td>100 pounds</td> <td></td> <td>ia, giro roccori.</td> <td></td> <td></td> <td></td> <td></td>	20 25	<u>S</u> i	AND		100 pounds		ia, giro roccori.				
Method of Construction       Well Use         Cable Tool       Dearned       Public         Rotary (Reverse)       Driving         Attraction       Dearnedd       Dearnedd         Rotary (Reverse)       Driving         Config       Dearnedd       Config         Config       Director       Config         Construction Record - Casing       Status of Well         Index       Construction Record - Casing       Status of Well         Context, Plaste, Steph       Thickness       Period         Construction Record - Casing       Status of Well         Construction Record - Casing       Status of Well         Construction Record - Casing       Thickness         Construction Record - Screen       Thickness         Construction Record - Screen       Depth (m/l)         Dearneder       Gonthod Record - Screen         Construction Record - Screen       Construction         Construction Record - Screen       Construction         Construction Record - Screen       Construction         Material       Material <t< td=""><td><u>.</u></td><td>·····</td><td></td><td></td><td></td><td>Pump intake set at (r</td><td>n/ft)</td><td>╢───┤</td><td></td><td>++</td><td></td></t<>	<u>.</u>	·····				Pump intake set at (r	n/ft)	╢───┤		++	
Method: of Construction       Well Use         Cable Tool       Demond       Public       Commercial       Not used         Rotary (Conventional)       Jatting       Domastic       Municipal       Deveation of pumping         Rotary (Reverse)       Driving       Livestock       Thest Hole       Monitoring         Boring       Dirging       Livestock       Thest Hole       Monitoring         Context color of pumping       Director       5       5         Map or cussion       Cooling & Ar Conditioning       Final water level end of pumping (m/tip       10       10         Indice       Open Hole OR Material       Depth (m/tip       Water Supply       Recommended pump depth (m/tip       20       20         Indice       Open Hole OR Material       Water Supply       Recommended pump rate       30       30         Insufficient Supply       Devalanty Method       Abandoned, Portune for any forming Hole       Abandoned, Portune forming Hole       30       30         Material       Construction Record - Screen       Depth (m/tip       Devalang Well       Devalang Well       Devalang Well         Outside       Construction Record - Screen       Depth (m/tip       Abandoned, Orbor, specify       40       40         Mater Boutalis <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>* =</td><td> </td><td></td><td>+</td><td></td></td<>							* =			+	
Rotary (Conventional)       jetting       Domestic       Municipal       Dewatering       Duration of pumping         Rotary (Reverse)       Diving       Livestock       Test Hole       Municipal       Devatering       ins +						Pumping rate (Vmin /	GPM)				
Outside (m/ft)       Divisition       Divisitio	Rotary (Conventiona	al) 🗍 Jetting		🗌 Municip	al Dewatering			1			
Air percussion       ☐ Industrial         Other, specify       ☐ Other, specify         Industrial       Other, specify         Industrial       Wall         Open Hole OR Material       Wall         Diameter       Gavanted, Foreglass,         (ample, Feasible, Seeil)       Thickness         I       //4       PLASTIC	Rotary (Reverse) Boring				le Monitoring & Air Conditioning						
Construction Record - Casing       Status of Well         Inside Diameter (arxhn)       Open Hole OR Material (Galvanized, Fibreglass, (arxhn)       Wall Thickness       Depth (m/R)       Replacement Well       Recommended pump depth (m/R)       20       20         1 1/4       PLAST:C       + 3       20       1       20       20       25       25       25         1 1/4       PLAST:C       + 3       20       1       Recommended pump rate (m/n) (GBM)       30       30         0       Abendoned, Insufficient Supply       Abendoned, dher, specify       No       60       60         0       Construction Record - Screen (arxin)       Depth (m/R)       Press       No       No       No         0       Stot No.       From       To       Pepth (m/R)       Depth (m/R)       Press       No       No         1 1/4       PLAST:C       Sch 4 Q 2 Q       2 S       Q			Industrial		<b>.</b>			1			
Insteade Diameter (cm/m)       Open Hole OR Material Generate, Plastic, Steel)       Wall (cm/m)       Depth (m/m)       Water Supply Replacement Weil       Recommended pump depth (m/m)       25       25         1/4       PLAST, C       +3       20 <sup>-1</sup> Recharge Weil       Recommended pump rate (m/m) / GPM)       30       30         1/4       PLAST, C       +3       20 <sup>-1</sup> Recharge Weil       Recommended pump rate (m/m) / GPM)       30       30         1/4       PLAST, C       +3       20 <sup>-1</sup> Recommended pump rate (m/m) / GPM)       30       30         0       Land       Abandoned, (construction)       Abandoned, other, specify       New Poil       60       60         0       Material Diameter (m/m)       Stot No.       Depth (m/m)       Abandoned, other, specify       Nap of Weil Location         0       Material Diameter (m/m)       Stot No.       Depth (m/m)       Depth (m/m)       Depth (m/m)       Depth (m/m)       Please provide a map below following instructors on the back.         1/4       PLAST, C       Sch 40       2.5       2.5       7.4         0       Other, specify       Depth (m/m)       Depth (m/m)       Depth (m/m)       Depth (m/m)         water found at Depth       Kind of Water:       Fresh       Untes		onstruction Re			Status of Well	If flowing give rate (I/r	nin / GPM)				
(cm/in)       Concrete, Plastic, Steel)       (cm/in)       From       To       To <thto< th="">       To       <thto< th="">       To</thto<></thto<>	)iameter (Galvaniz	zed, Fibreolass,	Thickness	, , , ,	1	Recommended pump	depth (m/ft)	+			
1/4       VIAT 1.0       Image: Construction Record - Screen         Outside       Atteration       Construction       Atteration         Outside       Material       Depth (m/fi)       Abandoned, Poor         Water found at Depth       Siol No.       Depth (m/fi)       Other, specify         II/4       PIAS FX       Sob 4(0 20)       2.5         Water found at Depth       Kind of Water:       Fresh       Untested         (m/fi)       Gas       Other, specify       Depth (m/fi)         Water found at Depth       Kind of Water:       Fresh       Untested         (m/fi)       Gas       Other, specify       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested         (m/fi)       Gas       Other, specify       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested         (m/fi)       Gas       Other, specify       Other, specify       Afg 5506         Water found at Depth       Kind of Water:       Fresh       Untested       Afg 5506         (m/fi)       Gas       Other, specify       Afg 5506       Afg 5506	(cm/in) Concrete,	, Plastic, Šteel)	(cm/in) Fro		Test Hole	Recommended ouror	, rate				
Well production (Imin / GPM)         Monitoring Hole         Monitoring Hole         Monitoring Hole         Monitoring Hole         Outside         Dismitering Hole         Material         Outside         Dismitering Hole         Material         Material         Material         Planeter         (mrin)         Material         Stot No.         From         To         Stot No.         From         To         Other, specify         Water found at Depth         (m/it)       Gas         Other, specify         Water found at Depth         (m/it)       Gas         Other, specify         Water found at Depth         (m/it)       Gas         Other, specify         Water found at Depth         Water found at Depth      <	14 VII	ASTIC	+6	1 20			1440				
Outside Diameter (m/in)       Material (Plastic, Galvanized, Steel)       Stot No.       Depth (m/it) From       Dopth (m/it) (m/it)       Depth (m/it)					Cobservation and/or Monitoring Hole	Well production (I/min	/ GPM)	40		40	
Outside Diameter (min)       Material (Plastic, Galvanized, Steel)       Stot No.       Depth (m/ft) From       Depth (m/ft) To       Depth (m/ft) Abandoned, other, specify       Plastic, Galvanized, Steel)       Stot No.       Depth (m/ft) From       Depth (m/ft) To       Depth (m/ft) Depth (m/ft)       Depth (m/ft) Abandoned, other, specify       Depth (m/ft)       Diameter       Depth (m/ft)       Diameter       Depth (m/ft)       Diameter       Depth (m/ft)       Diameter       Depth (m/ft)       Depth (m/ft)       Diameter       Depth (m/ft)       Diameter       Depth (m/ft)       Depth (m/ft)       Diameter       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Diameter       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Diameter       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)       Depth (m/ft)					Alteration	Disinfected?		50		50	
Construction Record - Screen         Outside Diameter       Material (Plastic, Galvanized, Steel)       Stot No.       Depth (m/fi) From       Abandoned, Poor Water Quality       Plastic, Galvanized, Steel)       Stot No.       Depth (m/fi) From       Abandoned, other, specify         11/4       PLASTIC       Sch.40       2.0 <sup>1</sup> 2.5 <sup>n</sup> Other, specify       Depth (m/fi)       Plastic, Galvanized, Steel)       Plastic, Galvanized, Steel)       Mont FeAL         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/fi)       Diameter         (m/fi)       Gas       Other, specify       Diameter       Contractor       Contractor sticence         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/fi)       Diameter         (m/fi)       Gas       Other, specify       Other, specify       Other, specify       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested       Other, specify       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested       Other, specify       Other, specify         Water found at Depth       Kind of Water:       Fresh       Untested       Other, specify       Other, specify       Other, specify </td <td></td> <td></td> <td></td> <td></td> <td>Abandoned,</td> <td>Yes No</td> <td></td> <td>60</td> <td></td> <td>60</td> <td></td>					Abandoned,	Yes No		60		60	
Diameter (cm/in)       (Plastic, Galvanized, Steel)       Slot No.       From       To       Abandoned, other, specify         11/4       PIAST:C       Sch.40       20       25       Other, specify       Other, specify         Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         (m/ft)       Gas       Other, specify       0       25       6       4         (m/ft)       Gas       Other, specify       0       25       6       4         (m/ft)       Gas       Other, specify       0       25       6       4         Water found at Depth       Kind of Water:       Fresh       Untested       0       25       6       4         (m/ft)       Gas       Other, specify       0       25       6       4       4       4       4       6       5       5       5       5       5       5       6       4       6       5       6       4       6       5       6       6       4       6       6       6       4       6       5       5       6       6       6       6       6	Outside			Depth (m/#)	Abandoned, Poor	Please provide a map				vack	
III/4       PIASTX       Sch 4d 2d       25"       Other, specify         Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         (m/ft)       Gas       Other, specify       Diameter       Depth (m/ft)       Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         (m/ft)       Gas       Other, specify       O       25       6//4       Main         Water found at Depth       Kind of Water:       Fresh       Untested       25       6//4       Main         (m/ft)       Gas       Other, specify       Mater       Mater found at Depth       Kind of Water:       Fresh       Untested         (m/ft)       Gas       Other, specify       Mater	Nameter   (Plactic Ca		Slot No	,	Abandoned, other,						and the second
Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         (m/ft)       Gas       Other, specify       O       O       O/ft/4         (m/ft)       Gas       Other, specify       O       O/ft/4         (m/ft)       Gas       Other, specify       O       O/ft/4         (m/ft)       Gas       Other, specify       O       O/ft/4         Water found at Depth       Kind of Water:       Fresh       Untested       O/ft/4         (m/ft)       Gas       Other, specify       O/ft/4       O/ft/4         Water found at Depth       Kind of Water:       Fresh       Untested       O/ft/4         (m/ft)       Gas       Other, specify       O/ft/4       O/ft/4       O/ft/4         Water found at Depth       Kind of Water:       Fresh       Untested       O/ft/4       O/ft/4         Water found at Depth       Kind of Water:       Fresh       Untested       O/ft/4       O/ft/4         Water found at Depth       Kind of Water:       Fresh       Untested       O/ft/4       O/ft/4         Water found at Depth       Well Contractor and Well Technician Information       O/ft/4 </td <td>1/4 PIA</td> <td>STIC S</td> <td>Sch4020</td> <td>25'</td> <td>····</td> <td>and the second se</td> <td></td> <td>310</td> <td>Mont</td> <td>refi</td> <td>LAD</td>	1/4 PIA	STIC S	Sch4020	25'	····	and the second se		310	Mont	refi	LAD
( <i>m/ft</i> ) Gas Other, specify Well Contractor and Well Technician Information					Other, <i>specify</i>	and the second s	naar ahaa ahaa ahaa ahaa ahaa ahaa ahaa	************	an strand and a subject of the	7 (	Construction of the second second
( <i>m/ft</i> ) Gas Other, specify Well Contractor and Well Technician Information				Hard Hardson H						$\langle \rangle$	
( <i>m/ft</i> ) Gas Other, specify Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor Well Contractor				ested Dept From		V Xer				$\mathcal{X}$	
(m/ft) Gas Other, specify       Image: Contractor and Well Technician Information         Well Contractor and Well Technician Information       Well Contractor's Licence No.				ested	25 614	R		No			
Well Contractor and Well Technician Information         No.           Business Name of Well Contractor         Well Contractor's Licence No.				etod			*** ~ ~	A STATE			her feel
Business Name of Well Contractor Well Contractor's Licence No.		1					"" - e e e mandre e e Promo		A16	5500	S
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TOCTOR GERNALLE DEMLAR 17151714 1	10000	-	18 Mr.MI		Il Contractor's Licence No.		$\mathbf{X}$				17
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3 8 0 3 Dy/ C 2014/11) 0506E (2014/11) Ministry's Copy © Queen's Printer for Ont	<u> 8014/11</u>	<u>3 Dal</u>	1 pm	$\mathbb{Z}$		No à≬	1642	119	Received		

Ministry of the Environmer and Climate Change	nt Well Tag No. (Place Sticker a	nd/or Print Below)	1	Well Record
leasurements recorded in:  Metric  Mimperial	A165507	Reg		Water Resources Act
Vell Owner's Information				
irst Name Last Name / Organiz	ation	E-mail Address		Well Constructed by Well Owner
lailing Address (Street Number/Name)	Municipality			ne No. (inc. area code)
SQ STEACLE DK	<u>kanata</u>	ON  k 2	<u>kizipipi 6113</u>	8361422
Idress of Well Location (Street Number/Name)	Township	Lot	Conces	sion
208 old montreal		NS		
Junty District Municipality	City/Town/Village	.19	Province Ontario	FISTABINIS
M Coordinates Zone Easting Northing	Municipal Plan and Subi	ot Number	Other	
NAD 8 3 4 3 5 3 6 7 8 6 5 13 8 8 9 5 13 8 9 10 13 9 10 13 9 10 13 9 10 13 9 10 13 9 10 10 10 10 10 10 10 10 10 10 10 10 10	10 S 10 P	- hank of this form		
eneral Colour Most Common Material	Other Materials	General Desc	ription	Depth ( <i>m/ft</i> ) From To
SREY -CLAY		Dense	· ···	$\left[ \bigcirc 4'6' \right]$
			······································	
				1
			······································	· ·
Annular Space			of Well Yield Testi	2010 CONTRACTOR DE COMPANY COMPANY COMPANY A DE CARA DE COMPANY
Depth Set at ( <i>m/ft</i> ) Type of Sealant Use From To ( <i>Material and Type</i> )		After test of well yield, water wa		n Recovery evel Time Water Level
+3 2' Bentionia	wt 50 mills	Other, specify	(min) (m/fi	
2' 4'6" Stod	EDONILLAS	If pumping discontinued, give re	ason: Static Level	
	<u> </u>		1	1
	······································	Pump intake set at (m/ft)	2	2
Method of Construction	Well Use	Pumping rate (I/min / GPM)	3	3
Cable Tool Diamond Public	Commercial Not used		4	4
Rotary (Conventional)	Municipal Dewatering	Duration of pumping hrs +min	5	5
Boring Digging Irrigation	Cooling & Air Conditioning	Final water level end of pumping	( <i>m/ft</i> ) 10	10
Dther, specify Other, spec	ify	If flowing give rate (I/min / GPM	15	15
Construction Record - Casing	Status of Well		20	20
ameter (Galvanized, Fibreglass, Thickness	epth ( <i>m/ft</i> ) Water Supply	Recommended pump depth (	m/ft)	25
	Dist Hole	Recommended pump rate	30	30
1/4 Plastic +3	Dewatering Well	(Vmin / GPM)		
	Observation and/or     Monitoring Hole	Well production (I/min / GPM)	40	40
	Alteration (Construction)	Disinfected?	50	50
	Abandoned, Í Insufficient Supply	Yes No	60	60
Construction Record - Screen	epth ( <i>m/fi</i> ) Abandoned, Poor Water Quality	Map Please provide a map below foi	of Well Location	ne back
ameter (Plastic, Galvanized, Steel) Slot No.	To Abandoned, other,	and the second	L-H	$\sim$
4 Plashic Schud 2'	4'6"			4 De la calencia de l
	Other, specify	1 ph m		
Water Details	Hole Diameter	-		1 con
	ted Depth ( <i>m/ft</i> ) Diameter From To ( <i>cm/in</i> )			"State and the second second
	· · · · · · · · · · · · · · · · · · ·			
(m/ft) Gas Other, specify	ted くと トラジ しんどうし		Concern Se	
(m/ft) Gas Other, specify er found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify		S. S. A.	15-1	
( <i>m/ft</i> ) ☐ Gas ☐ Other, <i>specify</i> ter found at Depth Kind of Water: ☐ Fresh ☐ Untes ( <i>m/ft</i> ) ☐ Gas ☐ Other, <i>specify</i> ter found at Depth Kind of Water: ☐ Fresh ☐ Untes				
(m/ft) ☐ Gas ☐ Other, specify ter found at Depth Kind of Water: ☐ Fresh ☐ Untes (m/ft) ☐ Gas ☐ Other, specify ter found at Depth Kind of Water: ☐ Fresh ☐ Untes (m/ft) ☐ Gas ☐ Other, specify			Creek	
(m/ft) □Gas □Other, specify ter found at Depth Kind of Water: □Fresh □Untes (m/ft) □Gas □Other, specify ter found at Depth Kind of Water: □Fresh □Untes (m/ft) □Gas □Other, specify Well Contractor and Well Techni iness Name of Well Contractor	ted cian Information Well Contractor's Licence No.		)ec	
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(m/ft) Gas Other, specify ter found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify ter found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify Well Contractor and Well Techni iness Name of Well Contractor	cian Information Well Contractor's Licence No. (1, 9, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Comments:	)rec	
(m/ft)       Gas       Other, specify         ter found at Depth       Kind of Water:       Fresh       Untes         (m/ft)       Gas       Other, specify         ter found at Depth       Kind of Water:       Fresh       Untes         (m/ft)       Gas       Other, specify       Untes         (m/ft)       Gas       Other, specify         Well Contractor and Well Techni       Iness Name of Well Contractor         Menses Address       (Street Number/Name)       DRil         /ince       Postal Code       Business E-mail	cian Information Understand	Comments:	)ee	
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(m/ft)       Gas       Other, specify	cian Information Ling 7 5 7 9 Municipality Glewille Address Municipality Glewille Address Municipality Glewille Address Municipality Glewille	Comments: Well owner's Date Package D information package delivered Y Y Y W	elivered Mi Audit No	nistry Use Only * Z235707
(m/ft)       Gas       Other, specify         ter found at Depth       Kind of Water:       Fresh       Untes         (m/ft)       Gas       Other, specify         ter found at Depth       Kind of Water:       Fresh       Untes         (m/ft)       Gas       Other, specify         ter found at Depth       Kind of Water:       Fresh       Untes         (m/ft)       Gas       Other, specify       Untes         (mess Name of Well Contractor       Reported PAIL       PAIL         (ince       Postal Code       Business E-mail         (ince       Postal Code       Business E-mail         (Ince       Postal Code       Name of Well Technicia	cian Information Ling 7 5 7 9 Municipality Glewille Address Municipality Glewille Address Municipality Glewille Address Municipality Glewille	Comments:	elivered Mi Audit No pleted DE	

Ontario	Ministry of the Environme and Climate Change	1	g No. (Place Sticker a $216088$		·	n 903 Ontario I	Nell Re Water Resou	
Measurements record	led in: 🗌 Metric 🗹 Imperia	$I \qquad A \leq A$	<u>_10000</u>			Pa	ge of	f
Well Owner's Info								
First Name	Last Name / Organiz		n'e C	E-mail Ac	ldress		Well Cor by Well (	
Mailing Address (Stree	t Number/Name)	N N	lunicipality	Province	Postal Code	e Telephor	ne No. (inc. are	
	<u>ACIE DR</u>		<u>LANATA</u>		N 42142	AP161113	8361	422
Well Location	on (Street Number/Name)		ownship		Lot	- Conoco		
1208 01		in l'	Ownship	ANS	LOC	Concess	308	
County/District/Municip	pality	C	ity/Town/Village			Province	Postal Co	ode
UTM Coordinates Zone	Easting Northing		OTIA Iunicipal Plan and Subl	wa		Ontario	KI4 IA	3148
NAD 8 3 4		7151514	aunopai Fian anu Subi	or number		Other		
	drock Materials/Abandonmen		rd (see instructions on the	back of this form	<i>Ŋ</i>			
General Colour	Most Common Material	Oth	er Materials		General Description	'n	Depth ( From	<i>[m/ft]</i> To
<u> </u>	CIAY	·		De	<u>650</u>		0	25
1	/							· · · · · · · · · · · · · · · · · · ·
								- · · · · · · · · · · · · · · · · · · ·
						·····		
·								
	Annular Space				Desville			
Depth Set at (m/ft)	Type of Sealant Us		Volume Placed		ell yield, water was:	ell Yield Testir	The summary over summary represented	very
From To	(Material and Type,		(m²/fť)	Clear and		Time Water Le (min) (m/it)		iter Level (m/ft)
0 20	Bentoning	2	250 powne	IN I	continued, give reason:	Static	(iiiii)	(non)
20 25	SANO		100 pounds	1		Level		
				Pump intake s	et at (m/ff)	1	1	
					set at (mmy	2	2	
Method of Cor	struction	Well Us	e	Pumping rate	(I/min / GPM)	3	3	
Cable Tool	Diamond Diamond	Commer	cial 🗌 Not used	Duration of pu		4	4	
Rotary (Conventional) Rotary (Reverse)	Jetting     Domestic     Driving     Livestock	Municipa	v	hrs +	min	5	5	
⊠,Boring □ Air percussion	Digging Irrigation	Cooling &	& Air Conditioning	Final water lev	el end of pumping (m/ft)	10	10	
Other, specify	Industrial	ufy		If flowing give	rate (I/min / GPM)	15	15	
Con	struction Record - Casing		Status of Well		Tale (Jinin ) Gr M)	20		
Inside Open Hole Diameter (Galvanized	d. Fibreolass. Thickness	epth ( <i>m/fī</i> )	Water Supply	Recommende	d pump deptin <i>(m/ft)</i>		20	
(cm/in) Concrete, F	Plastic, Steel) (cm/in) From		Replacement Well	Recommende	d augus unto	25	25	· · · · · · · · · · · · · · · · · · ·
114 PIRS	1.6 +3	23	Recharge Well     Dewatering Well	(Vmin / GPM)	a pump rate	30	30	
			S Observation and/or	Well production	n (Vmin / GPM)	40	40	
			Monitoring Hole			50	50	
			(Construction)	Disinfected?	No	60	60	
Co	Instruction Record - Screen		insufficient Supply			ell Location	<u> </u>	
Outside Ma	iterial Clat No.	epth ( <i>m/ft</i> )	Abandoned, Poor Water Quality	Please provide	a map below following		e back.	
(min) (mastic, Gain	vanized, Steel) Siot No. From	n To	Abandoned, other, specify			77		
14 PIAS	T.E Sch 40 20	25				$( \sum ( \sum$	<b>\</b>	
			Other, specify	6	A. and	House	And the second second	
	Water Details	H	ole Diameter	J.J.	N. N.	1 MD	and the second s	
	Kind of Water: Fresh 🛄 Unter		n ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )	<u> </u>		$\sim$ $\langle$	Pro I	
	Other, specify Kind of Water: Fresh Unter		25 61/4	$\left  \right  / \left  \right $			1006	
	Other, specify		<u> </u>		\ \	$\langle \cdot \rangle$		
Water found at Depth	Kind of Water: Fresh Unter	ited					a second and a second	
	Other, specify			$\sum$	E.	A		
We Business Name of Well	Il Contractor and Well Techn Contractor		on Contractor's Licence No.	K)		-p		
	Gerry MIR Defil ; et Number/Name)		nicipality	Comments:		****		
<u>Frovince</u>	IN GCOUNTR Instal Code Business E-mail	<u>IC</u>	Renville					
100 July 100	Stal Code Business E-mail		GRENVIlle CO	Well owner's	Date Package Delivere	d Mie	listry Use O	niv
Bus.Telephone No. (inc. a	area code) Name of Well Technicia	in (Last Name, F	First Name)	information package	-	Audit No	· <b>Z</b> 235	
Well Technician's Licence N		Hoyle	Quiter VII 1	delivered	Y Y Y Y M M Date Work Completed		600	1 U U
	No. Signature of Technician and/o		e Submitted ⊗	yes No	201118112	DIG Rece DE	C 2 0 2	016
0506E (2014/11)		<u>RA</u> `	Ministry's Copy	· · · · · · · · · · · · · · · · · · ·	<u>1997   1977   1</u>	P P Received	en's Printer for On	

Ministry's Copy

### **Nick Sullivan**

From:	Public Information Services <publicinformationservices@tssa.org></publicinformationservices@tssa.org>
Sent:	February 2, 2022 4:48 PM
То:	Nick Sullivan
Subject:	RE: Records Search Request (PE5609)

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

### NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

• We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx? mid =392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Sherees



Public Information Agent Facilities and Business Services 345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: <u>publicinformationservices@tssa.org</u> www.tssa.org

From: Nick Sullivan <NSullivan@patersongroup.ca> Sent: February 2, 2022 1:33 PM To: Public Information Services <publicinformationservices@tssa.org> Subject: Records Search Request (PE5609)

**[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 day,

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

Dairy Drive: 1001, 1010, 1015, 1045; Old Montreal Road: 975, 992, 1016, 1057, 1079.

Thank you,

Nick Sullivan, B.Sc.

## patersongroup

solution oriented engineering over 60 years serving our clients

154 Colonnade Road South Ottawa, Ontario, K2E 7J5 Tel: (613) 226-7381 Ext. 208 Cell: (613) 913-3608

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File Number: D06-03-22-0035

March 16, 2022

Nick Sullivan Paterson group Inc.

Sent via email [nsullivan@patersongroup.ca]

Dear Nick,

### Re: Information Request 1015 – 1045 Dairy Drive, Ottawa, Ontario ("Subject Property")

### Internal Department Circulation:

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

- No information was returned on the Subject Property from Departmental circulation.
- Disposals and Environmental Remediation Unit: The City's Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <u>https://ottawa.ca/en/city-hall/accountabilityand-transparency/accountability-framework/freedom-information-and-protectionprivacy/access-information
  </u>
  - o Awaiting reponse
- **Sewer Use Program:** The City's Sewer Use Program has found the following information pertaining to the subject property:
  - o Awaiting reponse
- Environment and Health Protection: The City's Environment and Health Protection Branch has found the following information pertaining to the subject property:
  - o Awaiting reponse

### **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.

### Additional information may be obtained by contacting:

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

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

### The Ontario Land Registry Office

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

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

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,

Amya Martinov Student Planner

Per:

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

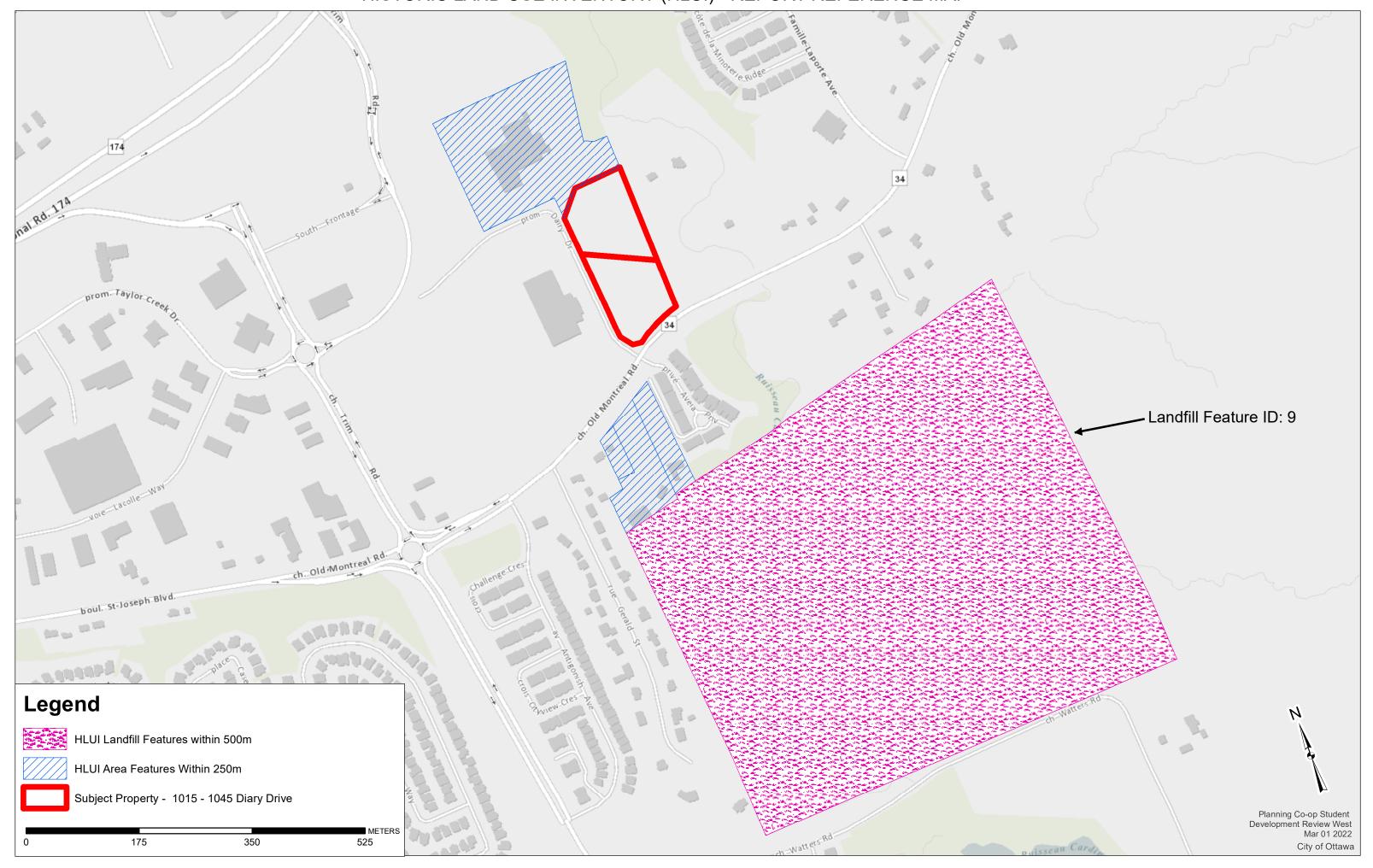
MB / AM

Enclosures: (2)

- 1. HLUI Map
- 2. HLUI Summary Report

cc: File no. D06-03-22-0035

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



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	EAR YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALI S TY	ST_NUM201 7	ST_NAME2017	ST_SUFFI 017	IX2 ST_DIR2017	POSTAL_CO DE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
	13113 UNNAMED WASTE DI	SP(Landfill	1922-DMD-TM-Ottawa-Sheet#14	1 1 1 92	0-1991c.<1990	;c 0				OTTAWA	1085 V	WATTERS	RD		K4A3P9	1.45E+08	CUMBERLAND	221320; 221330	) 499	O UTM = 445870E, 5028130		2558.59991	398581.8458
	13114 ACE BODY SHOP	Motor Vehicle Repair Sho	r 1996-MCBED; 2001-ES; 2005-S	€ 1199	6-2012c. 1996;	c. 996	OLD MONTREAL	RD		CUMBERL	992 C	OLD MONTREAL	RD					488410; 811112				612.0222819	14800.63057
	13115 ACE BODY SHOP	Motor Vehicle Repair Sho	r 1996-MCBED; 2001-ES; 2005-S	€ 1199	6-2012c. 1996;	c. 996	OLD MONTREAL	RD		CUMBERL	992 C	OLD MONTREAL	RD		K4A3N2	1.45E+08	CUMBERLAND	488410; 811112	2635;639			612.0222819	14800.63057
	13589 AULT FOODS LTD	Dairy Products Industries	1996-M	1	1996	1001	DAIRY	DR		ORLEANS	1001 D	DAIRY	DR			1.45E+08	ORLEANS					911.6432353	41100.09099
	16301 LAURIN LIONEL	Gasoline Service Stations	2005-PropertyAssessment	1	2005 c. 2005	992	OLD MONTREAL	RD		CUMBERL	1000 C	OLD MONTREAL	RD		K4A3N2	1.45E+08	CUMBERLAND	811111; 811112	2; 811119;	Esee air photo, extends onto		204.6872669	2016.612387
	16302 D LAPALME PLUMBIN	G & Mechanical Specialty Wor	12005-SelectPhone	1	2005 c. 2001;	c. 1016	OLD MONTREAL	RD			1016 C	OLD MONTREAL	RD		K4A3N2	1.45E+08	CUMBERLAND	238210; 238220	); 238910			406.4966405	5724.033972
	16305 AGROPUR COOPERA	TIV Other/Plant/Office	2012-ES	1	2012 ES 2012	1001	DAIRY	DR			1001 D	DAIRY	DR		K4A3N3	1.45E+08	CUMBERLAND	311515				911.6432353	41100.09099
	16306 NATREL INC (SEALTE	STDairy Products Industries	1996-MCBED; 2000-PID; 2001-E	E 1 199	6-2016c. 1996;	c. 1001	DAIRY	DR		ORLEANS	1001 D	DAIRY	DR		K4A3N3	1.45E+08	CUMBERLAND	311511; 311515	5 104	ŧ		911.6432353	41100.09099

### HLUI SUMMARY REPORT AREA FEATURES

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City's Old Landfill Management Strategy report (OLMS, 2004). Contact the City's Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
OBJECTID	9
ADJACENT_LANDUSE	<pre></pre>
GROUNDWATER_FLOW_DIRECTION	<null></null>
G_GENERATION	<null></null>
INFORMATION_SOURCE	MC Staff, 19/02/99
UTM_NAD27_E_NOTE	<pre></pre>
WATER_SUPPLY	<null></null>
SITE_NAME	Unnamed Waste Disposal Site
OPERATIONAL_PERIOD	<null></null>
OVERBURDEN	<null></null>
ROAD_TYPE	<null></null>
WASTEDEPTH	<null></null>
ECOLOGICAL	
DISTANCE_TO_SURFACE_WATER	<pre><rul></rul></pre>
	<null></null>
ADJACENT_OWNER MAGNITUDE	<null></null>
LOCATION	<null></null>
ACTIVITYID	6472
DEPTH TO BEDROCK	<pre>output/2 </pre>
SITE STATUS	Unconfirmed
UTM NAD27 NORTHING	
UTM_NAD27_EASTING	To
SOIL_COVER	- <null></null>
PARAMETERS	
G_VERSION	
SERVICE_AREA	<null></null>
SITE_ACCES	<null></null>
CONCENTRTN	<null></null>
METHANE	<null></null>
ACTIVITY2	<null></null>
ADJACENT_INDUSTRY	<null></null>
OWNERCATEGORY	
SITE_IDENTIFICATION	Cu-21
OWNER G NEXT VERSION	<null></null>
SITE_ALIAS	<null></null>
TOPOGRAPHY	<null></null>
OPERATOR	
FORMER_MUN	
PHYSICAL	<pre>combener(b) <null></null></pre>
ROAD NAME	<null></null>
MOE_ID	<null></null>
OTHERREF	<null></null>
LANDFILL_1998_ID	6O0428
UTM_NAD27_N_NOTE	<null></null>
SIZE_HA	<null></null>
DEPTH_TO_GROUNDWATER	<null></null>
PARENT_ID	<null></null>
ANDERSONSWASTEDISPOSALSITES_I	
OTHER_INFO	<null></null>
LOCTN_REF	
SITE_COORD	Located in the south part of lot 29, concession 1 (old survey). Situated in the ravine north of Watters Rd.
GLOBALID	{4CC6A7CA-88F2-4F27-8ACA-F2738CD5D9AA}
SHAPE	Polygon
Common Name Common Name French	
Site ID French	Décharge sans nom Cu-21
Site ID French	Site d'enfouissement de déchets sans nom
Unique ID	Unnamed Waste Disposal SiteCu-21
SHAPE.AREA	402891.8237
SHAPE.LEN	2556.49302



# DATABASE REPORT

**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: Phase I ESA 1015-1045 Dairy Drive Orléans ON K4A 3N3 PE5609 Standard Report 22020200296 Paterson Group Inc. February 7, 2022

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

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#### Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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:** 

Phase I ESA 1015-1045 Dairy Drive Orléans ON K4A 3N3

**Project No:** 

PE5609

#### **Coordinates:**

	Latitude:	45.4929509
	Longitude:	-75.4735142
	UTM Northing:	5,037,822.40
	UTM Easting:	463,001.24
	UTM Zone:	18T
Elevation:		202 FT
		61.70 M

#### Order Information:

Order No: Date Requested: Requested by: Report Type: 22020200296 February 2, 2022 Paterson Group Inc. Standard Report

#### Historical/Products:

### Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	2	2
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
СНМ	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	2	2
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	6	6
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems	Y	0	0	0
FST	(FIRSTS) Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	27	27
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

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Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	2	2
NPRI	National Pollutant Release Inventory	Y	0	2	2
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
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	3	3
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	10	10
		Total:	1	63	64

### Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		1045 Dairy Drive Orleans ON	-/0.0	0.00	<u>23</u>

### Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	EHS		N. Side of Old Montreal Rd, W. of Cardinal Creek Ottawa ON	ESE/38.6	-1.46	<u>23</u>
<u>3</u>	WWIS		lot 29 con 1 ON <i>Well ID:</i> 1513139	ESE/116.8	-6.82	<u>23</u>
<u>4</u>	BORE		ON	SE/120.3	1.33	<u>26</u>
<u>5</u>	WWIS		lot 29 con 1 ON	SE/120.4	1.33	<u>27</u>
<u>6</u>	CA		<i>Well ID:</i> 1513144 1010 Dairy Drive, Pt. Lot 29, Conc. 1 Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>30</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Olreans ON K4A 3N3	WSW/121.1	-0.85	<u>30</u>
<u>6</u>	SCT	Healthcare Food Service ON Inc	1010 Dairy Dr Orléans ON K4A 3N3	WSW/121.1	-0.85	<u>31</u>
<u>6</u>	EBR	HFS Experts in Healthcare Food	1010 Dairy Drive Ottawa K4A 3N3 CITY OF OTTAWA ON	WSW/121.1	-0.85	<u>31</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>31</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>32</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>32</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>33</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON	WSW/121.1	-0.85	<u>33</u>
<u>6</u>	ECA	Hospital Food Services-Ontario, Inc.	1010 Dairy Drive, Pt. Lot 29, Conc. 1 Ottawa ON K1B 3V6	WSW/121.1	-0.85	<u>33</u>
<u>6</u>	ECA	Hospital Food Services-Ontario, Inc./Services Alimentaires Hospitaliers-Ontario,	Inc. 1010 Dairy Dr Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>34</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>34</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>35</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>35</u>
<u>6</u>	GEN	HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>35</u>
<u>6</u>	EHS		1010 Diary Drive Ottawa Orléans ON K4A 3N3	WSW/121.1	-0.85	<u>36</u>
<u>6</u>	GEN	Apetito HFS Limited	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>36</u>
<u>6</u>	PINC	PIPELINE HIT 4"	(OPP) 1010 DAIRY DR.,,OTTAWA,ON,K4A 3N3,CA ON	WSW/121.1	-0.85	<u>37</u>
<u>6</u>	GEN	Apetito HFS Limited	1010 Dairy Drive Ottawa ON K4A 3N3	WSW/121.1	-0.85	<u>37</u>
<u>7</u>	BORE		ON	ESE/133.8	-3.76	<u>38</u>
<u>8</u>	WWIS		lot 29 con 1 ON	ESE/134.0	-3.76	<u>39</u>
8	erisinfo.com	Environmental Risk Information S	Services	Order No:	2202020029	96

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<b>Well ID:</b> 1513143			
<u>9</u>	WWIS		lot 28 ON <i>Well ID:</i> 7332165	ESE/180.2	-7.37	<u>42</u>
<u>10</u>	WWIS		lot 29 con 1 ON <i>Well ID:</i> 1513150	SSE/190.0	3.12	<u>42</u>
<u>11</u>	EASR	SITE PREPARATION LIMITED	ON	E/194.3	-6.13	<u>45</u>
<u>12</u>	WWIS		lot 29 con 1 ON <i>Well ID:</i> 1533836	S/220.3	4.18	<u>45</u>
<u>13</u>	WWIS		lot 28 con 1 ON <i>Well ID:</i> 1513137	E/230.4	1.38	<u>49</u>
<u>14</u>	SPL	NATREL(ONT)INC.	NATREL FOODS, 1001 DAIRY DRIVE 1001 DAIRY DRIVE CUMBERLAND TOWNSHIP CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>52</u>
<u>14</u>	SCT	Natrel Inc.	1001 Dairy Dr Orleans ON K4A 3N3	WNW/232.4	-4.82	<u>52</u>
<u>14</u>	GEN	NATREL ONTARIO INC.	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>52</u>
<u>14</u>	GEN	NATREL (ONTARIO) INC.	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>53</u>
<u>14</u>	GEN	NATREL (SEE & USE ON2687803)	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>53</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>54</u>
<u>14</u>	SCT	Agropur Cooperative	1001 Dairy Dr Orléans ON K4A 3N3	WNW/232.4	-4.82	<u>55</u>
<u>14</u>	SPL		1001 Dairy Dr Ottawa ON K4A 3N3	WNW/232.4	-4.82	<u>55</u>
9	erisinfo.con	n   Environmental Risk Information	Services	Order No	): 220202002	96

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	NPCB	AULT FOODS	1001 DAIRY DR ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>55</u>
<u>14</u>	NPCB	NATURAL ONTARIO INC. (AULT FOODS LIMITED)	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>56</u>
<u>14</u>	SPL	Agropur Cooperative	1001 Dairy Dr Ottawa ON K4A 3N3	WNW/232.4	-4.82	<u>56</u>
<u>14</u>	CA	Agropur Cooperative	1001 Dairy Drive Ottawa ON K4A 3N3	WNW/232.4	-4.82	<u>56</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>57</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>57</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>58</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>59</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON	WNW/232.4	-4.82	<u>59</u>
<u>14</u>	NPRI	AGROPUR COOPERATIVE	101 DAIRY DRIVE RUE NOT AVAILABLE OTTAWA ON K4A 3N3	WNW/232.4	-4.82	<u>60</u>
<u>14</u>	ECA	Agropur Cooperative	1001 Dairy Drive Ottawa ON K4A 3N3	WNW/232.4	-4.82	<u>61</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>61</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>62</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>63</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>63</u>
<u>14</u>	NPRI	Agropur Cooperative	1001 Dairy Drive Street Orleans ON K4A 3N3	WNW/232.4	-4.82	<u>64</u>
<u>14</u>	EASR	AGROPUR COOPERATIVE AGROPUR COOPERATIVE	1001 DAIRY DR ORLEANS ON K4A 3N3	WNW/232.4	-4.82	<u>65</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>65</u>
<u>14</u>	GEN	AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW/232.4	-4.82	<u>66</u>
<u>15</u>	WWIS		lot 29 con 1 ON <i>Well ID:</i> 1516405	SE/238.9	-2.39	<u>67</u>
<u>16</u>	WWIS		1208 OLD MONTREAL RD lot 28 Ottawa ON <b>Well ID:</b> 7277431	ESE/242.1	-7.80	<u>70</u>
<u>17</u>	WWIS		1024 OLD MONTREAL RD. 1026 lot 29 OTTAWA ON <b>Well ID:</b> 7170842	SE/246.7	0.77	<u>72</u>
<u>18</u>	ECA	4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE/247.8	-5.06	<u>74</u>
<u>18</u>	ECA	4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE/247.8	-5.06	<u>74</u>
<u>18</u>	ECA	4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE/247.8	-5.06	<u>75</u>

### Executive Summary: Summary By Data Source

### **BORE** - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	<b>Direction</b>	Distance (m)	<u>Map Key</u>
	ON	SE	120.31	<u>4</u>
Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ESE	133.80	<u>7</u>

### **<u>CA</u>** - 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.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	1010 Dairy Drive, Pt. Lot 29, Conc. 1 Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
Agropur Cooperative	1001 Dairy Drive Ottawa ON K4A 3N3	WNW	232.43	<u>14</u>

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

A search of the EASR database, dated Oct 2011- Dec 31, 2021 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
SITE PREPARATION LIMITED	ON	E	194.34	<u>11</u>
AGROPUR COOPERATIVE AGROPUR COOPERATIVE	1001 DAIRY DR ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>

### **EBR** - Environmental Registry

A search of the EBR database, dated 1994 - Dec 31, 2021 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
HFS Experts in Healthcare Food	1010 Dairy Drive Ottawa K4A 3N3 CITY OF OTTAWA ON	WSW	121.09	<u>6</u>

### ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2021 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	Distance (m)	<u>Map Key</u>
Hospital Food Services-Ontario, Inc./Services Alimentaires Hospitaliers-Ontario,	Inc. 1010 Dairy Dr Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
Hospital Food Services-Ontario, Inc.	1010 Dairy Drive, Pt. Lot 29, Conc. 1 Ottawa ON K1B 3V6	WSW	121.09	<u>6</u>
Agropur Cooperative	1001 Dairy Drive Ottawa ON K4A 3N3	WNW	232.43	<u>14</u>
4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE	247.83	<u>18</u>
4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE	247.83	<u>18</u>
4176855 Canada Inc.	1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	SE	247.83	<u>18</u>

#### **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

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Equal/Higher Elevation	<u>Address</u> 1045 Dairy Drive Orleans ON	<u>Direction</u> -	<u>Distance (m)</u> 0.00	<u>Map Key</u> <u>1</u>
Lower Elevation	Address N. Side of Old Montreal Rd, W. of Cardinal Creek Ottawa ON	Direction ESE	<b>Distance (m)</b> 38.56	<u>Map Key</u> <u>2</u>
	1010 Diary Drive Ottawa Orléans ON K4A 3N3	WSW	121.09	<u>6</u>

### **<u>GEN</u>** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 27 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
Apetito HFS Limited	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
Apetito HFS Limited	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>

HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Ottawa ON K4A 3N3	WSW	121.09	<u>6</u>
HFS	1010 Dairy Drive Olreans ON K4A 3N3	WSW	121.09	<u>6</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON	WNW	232.43	<u>14</u>

AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
AGROPUR COOPERATIVE	1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
NATREL (SEE & USE ON2687803)	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>
NATREL (ONTARIO) INC.	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>
NATREL ONTARIO INC.	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>

### **NPCB** - National PCB Inventory

A search of the NPCB database, dated 1988-2008\* has found that there are 2 NPCB site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
AULT FOODS	1001 DAIRY DR ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>
NATURAL ONTARIO INC. (AULT FOODS LIMITED)	1001 DAIRY DRIVE ORLEANS ON K4A 3N3	WNW	232.43	<u>14</u>

### **NPRI** - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 2 NPRI site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
AGROPUR COOPERATIVE	101 DAIRY DRIVE RUE NOT AVAILABLE OTTAWA ON K4A 3N3	WNW	232.43	<u>14</u>
Agropur Cooperative	1001 Dairy Drive Street Orleans ON K4A 3N3	WNW	232.43	<u>14</u>

#### **<u>PINC</u>** - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 4"	(OPP) 1010 DAIRY DR.,,OTTAWA,ON, K4A 3N3,CA ON	WSW	121.09	<u>6</u>

### **<u>SCT</u>** - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 3 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	<b>Direction</b>	Distance (m)	<u>Map Key</u>
Healthcare Food Service ON Inc	1010 Dairy Dr Orléans ON K4A 3N3	WSW	121.09	<u>6</u>
Agropur Cooperative	1001 Dairy Dr Orléans ON K4A 3N3	WNW	232.43	<u>14</u>
Natrel Inc.	1001 Dairy Dr Orleans ON K4A 3N3	WNW	232.43	<u>14</u>

### SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elev	vation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
17	erisinfo.com   Enviror	mental Risk Information Services			Order No: 22020200296

Agropur Cooperative	1001 Dairy Dr Ottawa ON K4A 3N3	WNW	232.43	<u>14</u>
NATREL(ONT)INC.	NATREL FOODS, 1001 DAIRY DRIVE 1001 DAIRY DRIVE CUMBERLAND TOWNSHIP CUMBERLAND TOWNSHIP ON K4A 3N3	WNW	232.43	<u>14</u>
	1001 Dairy Dr Ottawa ON K4A 3N3	WNW	232.43	<u>14</u>

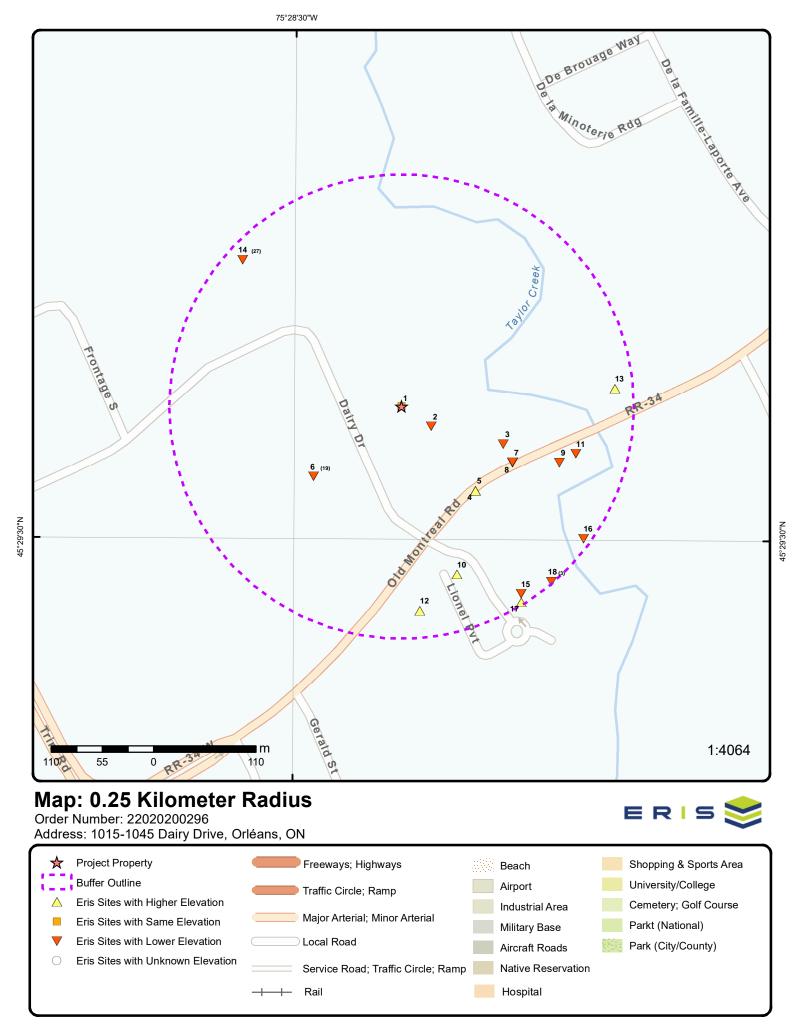
### WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 10 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address lot 29 con 1 ON	<u>Direction</u> SE	<u>Distance (m)</u> 120.43	<u>Map Key</u> <u>5</u>
	<b>Well ID:</b> 1513144			
	lot 29 con 1 ON	SSE	189.98	<u>10</u>
	<b>Well ID:</b> 1513150			
	lot 29 con 1 ON	S	220.29	<u>12</u>
	<b>Well ID:</b> 1533836			
	lot 28 con 1 ON	E	230.39	<u>13</u>
	<b>Well ID:</b> 1513137			
	1024 OLD MONTREAL RD. 1026 lot 29 OTTAWA ON <i>Well ID:</i> 7170842	SE	246.68	<u>17</u>
Lower Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 29 con 1 ON	ESE	116.77	<u>3</u>
	<b>Well ID:</b> 1513139			
	lot 29 con 1 ON	ESE	133.95	<u>8</u>

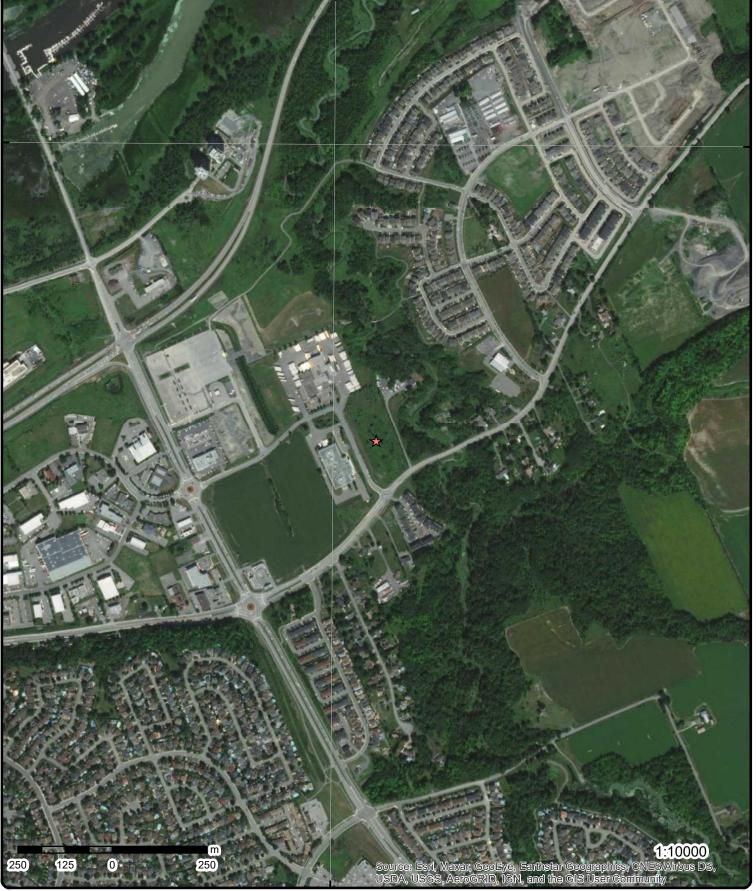
#### Well ID: 1513143

lot 28 ON	ESE	180.19	<u>9</u>
Well ID: 7332165			
lot 29 con 1 ON	SE	238.94	<u>15</u>
Well ID: 1516405			
1208 OLD MONTREAL RD lot 28 Ottawa ON	ESE	242.08	<u>16</u>
Well ID: 7277431			



Source: © 2021 ESRI StreetMap Premium.

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Aerial Year: 2020

Address: 1015-1045 Dairy Drive, Orléans, ON

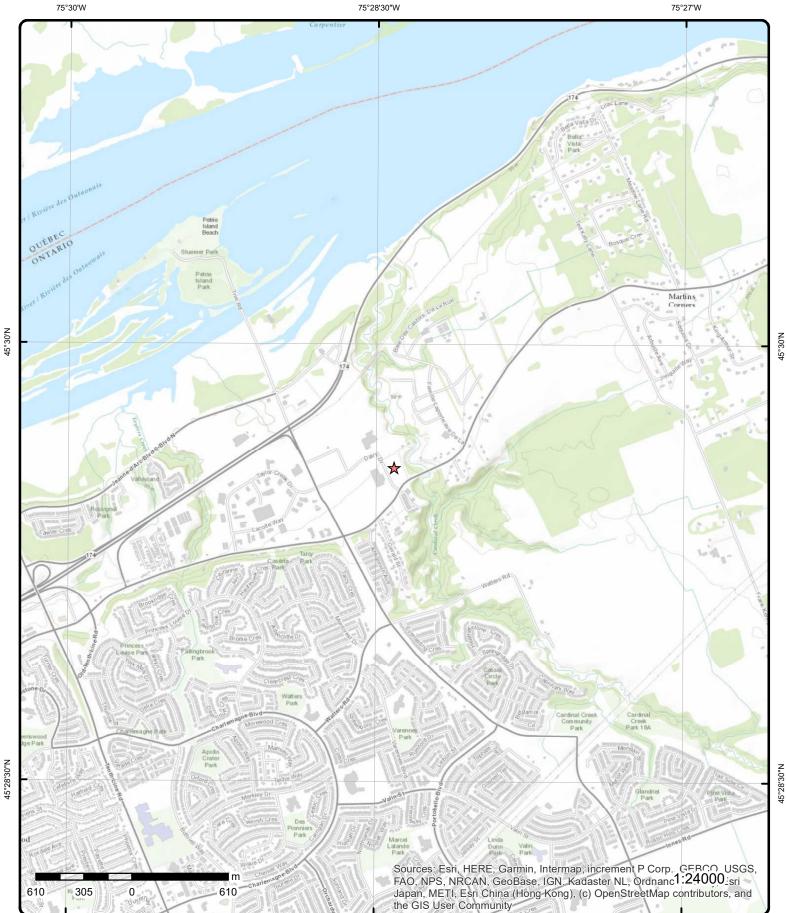
Source: ESRI World Imagery

Order Number: 22020200296

© ERIS Information Limited Partnership



45°30'N



# **Topographic Map**

### Order Number: 22020200296



Address: 1015-1045 Dairy Drive, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

### Detail Report

Map Key	Numbe Record			Site		DE
<u>1</u>	1 of 1	-/0.0	61.7 / 0.00	1045 Dairy Drive Orleans ON		EHS
Order No:		20130208003		Nearest Intersection:		
Status:		С		Municipality:		
Report Type		Custom Report		Client Prov/State:	ON	
Report Date		14-FEB-13		Search Radius (km):	.25	
Date Receiv		08-FEB-13		X: Y:	0 0	
Previous Sit Lot/Building Additional In	Size:	l:		r.	0	
<u>2</u>	1 of 1	ESE/38.6	60.2 / -1.46	N. Side of Old Montre Ottawa ON	eal Rd, W. of Cardinal Creek	EHS
Order No: Status:		20080918009 C		Nearest Intersection: Municipality:	Old Montreal Road and Gerald Stre	eet
Report Type:	:	Standard Report		Client Prov/State:	ON	
Report Date:		9/26/2008		Search Radius (km):	0.25	
Date Receive		9/18/2008		X:	-75.473104	
Previous Site Lot/Building		lot size: 7.56 acres		Y:	45.492758	
Additional In	fo Ordered	E Fire Insur. N	laps and/or Site Plans;	City Directory		
	nfo Ordered	I: Fire Insur. M		City Directory lot 29 con 1 ON		WWIS
Additional In		ESE/116.8		lot 29 con 1 ON		www
Additional İn <u>3</u> Well ID:	1 of 1			lot 29 con 1 ON Data Entry Status:	1	wwi.
Additional In <u>3</u> Well ID: Construction	1 of 1 n Date:	ESE/116.8		lot 29 con 1 ON	1 9/10/1957	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate	1 of 1 n Date: er Use:	<b>ESE/116.8</b> 1513139		lot 29 con 1 ON Data Entry Status: Data Src:		ww
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St	1 of 1 n Date: er Use: Jse:	<b>ESE/116.8</b> 1513139 Domestic		lot 29 con 1 ON Data Entry Status: Data Src: Date Received:	9/10/1957 TRUE	ww
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type:	1 of 1 n Date: er Use: Ise: lse: tatus:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	9/10/1957 TRUE 1504	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mate	1 of 1 n Date: er Use: Ise: lse: tatus:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	9/10/1957 TRUE	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No:	1 of 1 n Date: er Use: Ise: lse: tatus:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	9/10/1957 TRUE 1504	ww
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Nater Type: Casing Matel Audit No: Fag:	1 of 1 n Date: er Use: Ise: iatus: rial:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	9/10/1957 TRUE 1504 1	ww
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Vater Type: Casing Matel Audit No: Fag: Construction	1 of 1 n Date: er Use: Jse: iatus: rial: n Method:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	9/10/1957 TRUE 1504	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No: Fag: Construction Elevation (m)	1 of 1 n Date: er Use: Jse: riatus: rial: n Method: ):	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation Re Depth to Beo	1 of 1 n Date: er Use: Jse: tatus: rial: n Method: ): liability:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth:	1 of 1 n Date: er Use: Ise: tatus: rial: n Method: ): liability: drock:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beco Well Depth: Overburden/	1 of 1 n Date: er Use: Ise: tatus: rial: n Method: ): liability: drock:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Water Type: Casing Mater Water Type: Casing Mater Well No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate:	1 of 1 n Date: er Use: Jse: tatus: rial: n Method: ): liability: drock: //Bedrock:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01	wwi
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation Re Elevation Re Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water	1 of 1 n Date: er Use: Jse: rial: rial: n Method: ): liability: drock: /Bedrock: Level:	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01	ww
Additional In <u>3</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Water Type: Casing Mater Well No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate:	1 of 1 n Date: er Use: Jse: tatus: rial: n Method: ): liability: drock: /Bedrock: /Bedrock: Level: I):	<b>ESE/116.8</b> 1513139 Domestic 0		lot 29 con 1 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	9/10/1957 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01	wwi

Additional Detail(s) (Map)

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date: ed:	1957/07/13 1957 21.336 45.4925930299163 -75.4721090634403 151\1513139.pdf				
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	:: c:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 463110.80 5037782.00 9 unknown UTM	
Improvement	rce Date: Location Source: Location Method. ion Comment:			Location Method:	p9	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Coloi Mat1: Most Commo	<u>.</u>	931022510 1 3 BLUE 05 CLAY				
<i>Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En Formation En</i>		0.0 60.0 ft				
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		931022511 2 2 GREY 15 LIMESTONE				
Mat3 Desc: Formation To Formation En		60.0 70.0 ft				

24

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Method Cons	truction ID:	961513139			
	truction Code:	7			
Aethod Cons	truction:	Diamond			
Other Method	l Construction:				
Pipe Informat	ion				
Pipe ID:		10583697			
Casing No:		1			
comment:					
It Name:					
Construction	Record - Casing				
Casing ID:		930062239			
ayer:		2			
Naterial:	Motorial	4 OPEN HOLE			
Open Hole or Depth From:	wateria:	OPEN HOLE			
epth To:		70.0			
asing Diame	eter:	2.0			
asing Diame		inch			
asing Depth		ft			
onstruction	Record - Casing				
asing ID:		930062238			
ayer:		1			
laterial:		1			
pen Hole or	Material:	STEEL			
epth From:		60.0			
epth To: Casing Diame	otor:	60.0 2.0			
Casing Diame		inch			
asing Depth		ft			
Results of We	ell Yield Testing				
Pump Test ID	:	991513139			
ump Set At:					
tatic Level:		10.0			
	fter Pumping:	25.0			
	ed Pump Depth:	7.0			
umping Rate		7.0			
	ed Pump Rate:				
evels UOM:	a rump nate.	ft			
ate UOM:		GPM			
/ater State A	fter Test Code:	1			
/ater State A		CLEAR			
umping Tes		1			
Pumping Dur		4			
umping Dura lowing:	ation MIN:	0 No			
Vater Details					
		933468640			
/ater ID: ayer:		933468640			
ayer: (ind Code:		1			
(ind:		FRESH			
Vater Found	Depth:	70.0			
	erisinfo.com   En				Order No: 220202002

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	L
Water Found	Depth UOM	1:	ft			
<u>4</u>	1 of 1		SE/120.3	63.0 / 1.33	ON	BOI
Density in 10		040000				NI.
Borehole ID: OGF ID:		616392 21551718	0		Inclin FLG: SP Status:	No Initial Entry
Status:		21551710	0		Surv Elev:	No
Type:		Borehole			Piezometer:	No
Use:		Derenoie			Primary Name:	110
Completion D	Date:	OCT-1960	)		Municipality:	
Static Water L					Lot:	
Primary Wate	er Use:				Township:	
Sec. Water Us	se:				Latitude DD:	45.492143
Total Depth n	n:	22.9			Longitude DD:	-75.472489
Depth Ref:		Ground St	urface		UTM Zone:	18
Depth Elev:					Easting:	463081
Drill Method:		~~ -			Northing:	5037732
Orig Ground		63.7			Location Accuracy:	Net Applicable
Elev Reliabil I DEM Ground		65.5			Accuracy:	Not Applicable
Concession:	Liev III.	05.5				
Location D:						
Survey D:						
Comments:						
Borehole Geo	ology Stratu	ım				
			_			
Geology Strat	tum ID:	21840381	9		Mat Consistency:	
Top Depth:	h.	18.3			Material Moisture:	
Bottom Depth Material Colo		19.8			Material Texture: Non Geo Mat Type:	
Material 1:	1.	Boulders			Geologic Formation:	
Material 2:		Dogradico			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:				
Stratum Desc	ription:		BOULDERS.			
Geology Stra	tum ID:	21840382	0		Mat Consistency:	
Top Depth:		19.8			Material Moisture:	
Bottom Depth		21.3			Material Texture:	
Material Colo	r:	Cond			Non Geo Mat Type:	
Material 1: Material 2:		Sand			Geologic Formation: Geologic Group:	
Material 2:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:				
Stratum Desc	•		SAND.			
Geology Strat	tum ID:	21840382	1		Mat Consistency:	
Top Depth:		21.3			Material Moisture:	
Bottom Depth		22.9			Material Texture:	
Material Colo	r:	Dark			Non Geo Mat Type:	
Material 1:		Limestone	•		Geologic Formation:	
Material 2:					Geologic Group:	
Material 3: Material 4:					Geologic Period: Depositional Gen:	
waterial 4:	Description				Depositional Gen:	
Gsc Matorial	•					SMIC VELOCITY = 13500. K. DARK, GREY,
	, paon		**Note: Many record	ds provided by the	e department nave a truncat	ed [Stratum Description] field.
Stratum Desc			-	as provided by the		ed [Stratum Description] field.
Gsc Material Stratum Desc Geology Strat Top Depth:			-	as provided by the	Mat Consistency: Material Moisture:	ed [Stratum Description] field.

lumber of Records	Direction/ Distance (n	Elev/Diff n) (m)	Site		DE
			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
Geologi	cal Survey of Cana 72 Urban Geology /	Automated Informati		Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
	72 Urban Geology /		Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
of 1	SE/120.4	63.0 / 1.33	lot 29 con 1 ON		ww
te: se: Domesti 0	ic		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 1/19/1961 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01 OF	
	records          18.3 Blue Clay         acription:         bata Su Geologi 1956-19         bata Su Geologi 1956-19         ion:       Varies         brs:       Domesti 0         c:       Umber of the set thod:         ility:       Water S         thod:       Set of the set thod:	Records     Distance (n       18.3 Blue Clay       scription: tion:       Data Survey Geological Survey of Cana 1956-1972       Urban Geology / File: OTTAWA2.       :     1 Data Survey 1956-1972       ion:     Varies Urban Geology / File: OTTAWA2.       ors:     Urban Geology / Geological Survey 1956-1972       ion:     Varies Urban Geology / Geological Survey 1956-1972       ion:     Varies Urban Geology / Geological Survey       ion:     Varies Urban Geology / Geological Survey       ion:     Varies Urban Geology / Geological Survey       ion:     Varies       ion:     Varies       ion:     Varies       ion:     Water Supply       thod:     I       ility:     K:       rock:     I	Distance (m)     (m)       18.3 Blue Clay       scription: tion:       Data Survey Geological Survey of Canada 1956-1972       Urban Geology Automated Informati File: OTTAWA2.txt RecordID: 08900       :     1 Data Survey 1956-1972       ion:     Varies Urban Geology Automated Informati Geological Survey of Canada       ors:     Urban Geology Automated Informati Geological Survey of Canada       ors:     Urban Geology Automated Informati Geological Survey of Canada       of 1     SE/120.4       63.0 / 1.33       is::     Domestic 0       ::     Water Supply       thod:       thty:       k:	tecords     Distance (m)     (m)       18.3 Blue Clay     Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Formation: Geologic Formation: Geologic Formation: Geologic Formation: Geologic Formation: Geologic Formation: Geologic Formation: Geological Survey       bata Survey Geological Survey of Canada     Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 08900 NTS_Sheet:       ::     1       Data Survey 1956-1972       ::     Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 08900 NTS_Sheet:       ::     Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 08900 NTS_Sheet:       ::     Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 08900 NTS_Sheet:       of1     SE/120.4       63.0 / 1.33     Iot 29 con 1 ON       is:     Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rece: Contractor: Form Version: Owner: Street Name: Contractor: Form Version: Owner: Street Name: Concession Name: Easting NADB3;	tecords     Distance (m)     (m)       18.3 Blue Clay     Material Texture: Non Geo Mat Type: Geologic Croup: Geologic Crop: Geologic Croup: Geologic Crop: Geologic Crop: Geologic Croup: G

# Additional Detail(s) (Map)

Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: 1960/10/16 1960 22.86 45.4921414004159 -75.4724892279356

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Path:		151\1513144.pdf				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind:		132		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 463080.80 5037732.00 5	
Improvement	rce Date: Location Source: Location Method. ion Comment:			UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
Overburden a Materials Inter						
Formation ID: Layer: Color:		931022526 2				
General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3:		13 BOULDERS				
Mat3 Desc: Formation Top Formation En Formation En		60.0 65.0 ft				
Overburden a Materials Intel						
Formation ID: Layer: Color: General Color Mat1: Most Commoi Mat2: Mat2 Desc: Mat3:	:	931022525 1 3 BLUE 05 CLAY				
Mat3 Desc: Formation To <sub>l</sub> Formation En		0.0 60.0 ft				
Overburden a Materials Inter						
Formation ID: Layer: Color:		931022527 3				
General Color Mat1:	÷	09				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	op Depth:	MEDIUM SAND 65.0 70.0 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	or: on Material: op Depth:	931022528 4 2 GREY 15 LIMESTONE			
Formation El Formation El	nd Depth: nd Depth UOM:	75.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Other Metho	struction Code: struction: d Construction:	961513144 7 Diamond			
<u>Pipe Informa</u> Pipe ID: Casing No: Comment: Alt Name:	<u>tion</u>	10583702 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM:	930062247 1 STEEL 72.0 2.0 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole ol Depth From: Depth To: Casing Diam		930062248 2 4 OPEN HOLE 75.0 2.0			

\_

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Casing Diam Casing Deptl		inch ft			
Results of W	ell Yield Tes	sting			
Pump Test IL		991513144			
Pump Set At. Static Level:		21.0			
Final Level A					
Recommend					
Pumping Rat	te:	9.0			
Flowing Rate		0.0			
Recommend Levels UOM:		<b>nte:</b> 9.0 ft			
Rate UOM:		GPM			
Water State	After Test C	ode: 1			
Water State		CLEAR			
Pumping Tes Pumping Du		1 3			
Pumping Du	ration MIN.	0			
Flowing:		No			
Water Details	<u>s</u>				
Water ID:		933468645			
Layer: Kind Codes		1			
Kind Code: Kind:		1 FRESH			
Water Found	I Depth:	75.0			
Water Found		<b>1:</b> ft			
<u>6</u>	1 of 19	WSW/121.1	60.9/-0.85	1010 Dairy Drive, Pt. Lot 29, Conc. 1 Ottawa ON K4A 3N3	СА
				Ollawa ON NAA SNS	
Certificate #:		1992-5C3KUM			
Application \	Year:	02			
lssue Date: Approval Typ	ne <sup>,</sup>	9/4/02 Industrial sewage			
Status:		Approved			
Application 1	Туре:	New Certificate of	Approval		
Client Name:		Hospital Food Serv			
Client Addre	ss:	2585 Sheffield Roa Ottawa	ad		
Client City: Client Postal	Code <sup>.</sup>	K1B 3V6			
Project Desc			rmwater managem	ent for hospital food services production plant	
Contaminant Emission Co					
<u>6</u>	2 of 19	WSW/121.1	60.9 / -0.85	HFS	GEN
				1010 Dairy Drive Olreans ON K4A 3N3	02M
Generator No	n <i>.</i>	ON9002851		Status:	
SIC Code:		722310		Co Admin:	
SIC Descript	ion:	Food Service Contractors		Choice of Contact:	
Approval Yea	ars:	03,04,05,06,07,08		Phone No Admin:	
PO Box No: Country:				Contam. Facility: MHSW Facility:	
country.					
<u>Detail(s)</u>					
30	erisinfo.co	m   Environmental Risk Inf	ormation Service	PS	Order No: 22020200296

Map Key	Number Records		Elev/Diff (m)	Site	DB
Waste Class Waste Class		145 PAINT/PIGMENT/0	COATING RESIDU	JES	
Waste Class Waste Class		212 ALIPHATIC SOLVI	ENTS		
Waste Class Waste Class		252 WASTE OILS & LU	JBRICANTS		
Waste Class Waste Class		331 WASTE COMPRE	SSED GASES		
<u>6</u>	3 of 19	WSW/121.1	60.9 / -0.85	Healthcare Food Service ON Inc 1010 Dairy Dr Orléans ON K4A 3N3	SCT
Established Plant Size (f Employmen	t²):	01-AUG-80			
<u>Details</u> Description: SIC/NAICS (		Frozen Food Manu 311410	ufacturing		
Description: SIC/NAICS (		All Other Food Mar 311990	nufacturing		
<u>6</u>	4 of 19	WSW/121.1	60.9 / -0.85	HFS Experts in Healthcare Food 1010 Dairy Drive Ottawa K4A 3N3 CITY O OTTAWA ON	F EBR
EBR Registr Ministry Ref Notice Type	No:	010-8360 7105-7WZM7N Instrument Decision		Decision Posted: Exception Posted: Section:	
Notice Stage Notice Date: Proposal Da	•	July 04, 2012 November 13, 2009		Act 1: Act 2: Site Location Map:	
Year: Instrument 7 Off Instrume	••	2009 (EPA Part II.1-air)	- Environmental C	ompliance Approval (project type: air)	
Posted By: Company Na Site Address Location Oti	s:	HFS Experts in He	althcare Food		
Proponent N Proponent A Comment Pe URL:	lame: \ddress:	1010 Dairy Drive, (	Ottawa Ontario, Ca	anada K4A 3N3	
Site Locatio	n Details:				
1010 Dairy D	rive Ottawa ł	(4A 3N3 CITY OF OTTAWA			
<u>6</u>	5 of 19	WSW/121.1	60.9/-0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3	GEN
Generator N SIC Code:	lo:	ON9002851 722310		Status: Co Admin:	
	erisinfo.co	m   Environmental Risk Inf	ormation Service	es (	Drder No: 22020200296

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Map Key	Number Records		Elev/Diff (m)	Site	DB
SIC Description Approval Yea PO Box No: Country:		Food Service Contractors 2009		Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class		145 PAINT/PIGMENT/C	COATING RESID	UES	
Waste Class: Waste Class I		212 ALIPHATIC SOLVE	ENTS		
Waste Class: Waste Class I		252 WASTE OILS & LU	IBRICANTS		
Waste Class: Waste Class		331 WASTE COMPRES	SSED GASES		
<u>6</u>	6 of 19	WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3	GEN
Generator No SIC Code: SIC Descriptiv Approval Yea PO Box No: Country:	on:	ON9002851 722310 Food Service Contractors 2010		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class		331 WASTE COMPRES	SSED GASES		
Waste Class: Waste Class		145 PAINT/PIGMENT/C	COATING RESID	UES	
Waste Class: Waste Class		252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class		212 ALIPHATIC SOLVE	ENTS		
<u>6</u>	7 of 19	WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3	GEN
Generator No SIC Code: SIC Descripti Approval Yea PO Box No: Country:	on:	ON9002851 722310 Food Service Contractors 2011		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class I		252 WASTE OILS & LU	IBRICANTS		
Waste Class: Waste Class		331 WASTE COMPRES	SSED GASES		

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class. Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class. Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
<u>6</u>	8 of 19		WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3	GEN
Generator No SIC Code: SIC Descript Approval Yea PO Box No: Country:	ion:	ON9002 722310 Food Se 2012	851 ervice Contractors		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>						
Waste Class. Waste Class			331 WASTE COMPRE	SSED GASES		
Waste Class. Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class. Waste Class			252 WASTE OILS & LI	JBRICANTS		
Waste Class. Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
<u>6</u>	9 of 19		WSW/121.1	60.9/-0.85	HFS 1010 Dairy Drive Ottawa ON	GEN
Generator No SIC Code: SIC Descript Approval Yea PO Box No: Country:	ion:	ON9002 722310 FOOD S 2013	851 SERVICE CONTRAC	TORS	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>						
Waste Class. Waste Class	-		112 ACID WASTE - HI	EAVY METALS		
Waste Class. Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class. Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
Waste Class. Waste Class			252 WASTE OILS & LI	JBRICANTS		
Waste Class. Waste Class			331 WASTE COMPRE	SSED GASES		
<u>6</u>	10 of 19		WSW/121.1	60.9/-0.85	Hospital Food Services-Ontario, Inc. 1010 Dairy Drive, Pt. Lot 29, Conc. 1	ECA

Map Key Numb Recor		Elev/Diff (m)	Site		DB
			Ottawa ON K1B 3V6		
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full Address: Full PDF Link: PDF Site Location:	1992-5C3KUM 2002-09-04 Approved ECA IDS ECA-INDUSTRIAL INDUSTRIAL SEW Hospital Food Serv 1010 Dairy Drive, F https://www.access	AGE WORKS vices-Ontario, Inc. Pt. Lot 29, Conc. 1	-	-593SZ3-14.pdf	
<u>6</u> 11 of 19	WSW/121.1	60.9 / -0.85	Hospital Food Servic Alimentaires Hospita Inc. 1010 Dairy Dr Ottawa ON K4A 3N3	es-Ontario, Inc./Services liers-Ontario,	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full Address: Full PDF Link: PDF Site Location:	1010 Dairy Dr		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: /Services Alimentaires Hospi gov.on.ca/instruments/7105-		
<u>6</u> 12 of 19	WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3		GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON9002851 722310 FOOD SERVICE CONTRAC 2015 Canada	TORS	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	CO_OFFICIAL No No	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVE	ENTS			
Waste Class: Waste Class Desc:	331 WASTE COMPRE	SSED GASES			
Waste Class: Waste Class Desc:	112 ACID WASTE - HE	AVY METALS			
Waste Class: Waste Class Desc:	252 WASTE OILS & LU	JBRICANTS			
Waste Class:	145				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		PAINT/PIGMENT/	COATING RESID	UES		
<u>6</u>	13 of 19		WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3		GEN
Generator N SIC Code: SIC Descript Approval Ye PO Box No: Country:	tion:	ON90028 722310 FOOD SI 2016 Canada	351 ERVICE CONTRAC	CTORS	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	CO_OFFICIAL No No	
<u>Detail(s)</u>							
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS			
Waste Class Waste Class			252 WASTE OILS & L	UBRICANTS			
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES			
Waste Class Waste Class			212 ALIPHATIC SOLV	ENTS			
<u>6</u>	14 of 19		WSW/121.1	60.9/-0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3		GEN
Generator N SIC Code: SIC Descript Approval Ye PO Box No: Country:	tion:	ON90028 722310 FOOD SI 2014 Canada	351 ERVICE CONTRAC	CTORS	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RENZO VERERTI CO_OFFICIAL 613-834-3390 Ext. No No	
<u>Detail(s)</u>							
Waste Class Waste Class			212 ALIPHATIC SOLV	ENTS			
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS			
Waste Class Waste Class			252 WASTE OILS & L	UBRICANTS			
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES			
<u>6</u>	15 of 19		WSW/121.1	60.9 / -0.85	HFS 1010 Dairy Drive Ottawa ON K4A 3N3		GEN

	lumber Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON900285 As of Dec Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Registered	
Detail(s)							
Waste Class: Waste Class Des	sc:		112 C Acid solutions - cor	taining heavy me	etals		
Waste Class: Waste Class Des	6C:		112 L Acid solutions - cor	itaining heavy me	etals		
Waste Class: Waste Class Des	ic:		145 I Wastes from the us	e of pigments, co	patings and paints		
Waste Class: Waste Class Des	SC:		212 B Aliphatic solvents a	nd residues			
Waste Class: Waste Class Des	SC:		252 L Waste crankcase o	ils and lubricants			
Waste Class: Waste Class Des	sc:		331 I Waste compressed	gases including	cylinders		
<u>6</u> 16	of 19		WSW/121.1	60.9 / -0.85	1010 Diary Drive Otta Orléans ON K4A 3N3	wa	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Na Lot/Building Size Additional Info C	<del>)</del> :	20181205 C Custom Re 11-DEC-18 05-DEC-18	eport 3 3	d/or Site Plans; (	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: City Directory; Aerial Photos	ON .25 -75.474722 45.492268	
<u>6</u> 17	of 19		WSW/121.1	60.9 / -0.85	Apetito HFS Limited 1010 Dairy Drive Ottawa ON K4A 3N3		GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON900285 As of Jul 2 Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Registered	
<u>Detail(s)</u>							
Waste Class: Waste Class Des	ic:		112 L Acid solutions - cor	taining heavy me	etals		
Waste Class: Waste Class Des	ic:		145 I Wastes from the us	e of pigments, co	patings and paints		
Waste Class: Waste Class Des	ic:		331 I Waste compressed	gases including	cylinders		
Waste Class:			252 L				

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		Waste crankcase	oils and lubricants			
Waste Class: Waste Class			112 C Acid solutions - co	ntaining heavy met	als		
Waste Class: Waste Class			212 B Aliphatic solvents	and residues			
<u>6</u>	18 of 19		WSW/121.1	60.9 / -0.85	PIPELINE HIT 4" (OPP) 1010 DAIRY DF CA ON	R.,,OTTAWA,ON,K4A 3N3,	PINC
Incident ID: Incident No: Incident Report Type: Status Code: Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occur Occurrence S Depth: Customer Act Incident Addi Operation Typ Pipeline Type Regulator Typ Summary: Reported By: Affiliation: Occurrence I Damage Reas Notes:	Centre: nce Tp: rrence: Start Dt: cct Name: ress: pe: e: pe: pe:	1039578 3/7/2013 FS-Pipeli Not Inves	ne Incident stigated PIPELINE HIT 4"	Y DR.,,OTTAWA,C	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:		
<u>6</u>	19 of 19		WSW/121.1	60.9/-0.85	Apetito HFS Limited 1010 Dairy Drive Ottawa ON K4A 3N3		GEN
Generator No SIC Code: SIC Descripti Approval Yea PO Box No: Country:	ion:	ON90028 As of Nov Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Registered	
<u>Detail(s)</u>							
Waste Class: Waste Class			145 I Wastes from the u	se of pigments, coa	atings and paints		
Waste Class: Waste Class		331 I Waste compressed gases including c			ylinders		
Waste Class: Waste Class			252 L Waste crankcase	oils and lubricants			
Waste Class:	•		112 L				

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class: Waste Class			212 B Aliphatic solvents a	nd residues			
Waste Class:	:		112 C				
Waste Class	Desc:		Acid solutions - con	taining heavy me	etals		
<u>7</u>	1 of 1		ESE/133.8	57.9 / -3.76	ON		BORE
Borehole ID: OGF ID: Status:		616394 2155171	-		Inclin FLG: SP Status: Surv Elev:	No Initial Entry No	
Type: Use: Completion L		Borehole			Piezometer: Primary Name: Municipality:	No	
Static Water Primary Wate Sec. Water U	er Use:				Lot: Township: Latitude DD:	45.492416	
Total Depth r Depth Ref: Depth Elev:	m:	21.3 Ground S	Surface		Longitude DD: UTM Zone: Easting:	-75.47198 18 463121	
Drill Method: Orig Ground Elev Reliabil	Elev m:	61			Northing: Location Accuracy: Accuracy:	5037762 Not Applicable	
DEM Ground Concession: Location D: Survey D: Comments:	Elev m:	63.9					
Borehole Ge	ology Strati	<u>um</u>					
Geology Stra Top Depth: Bottom Dept		2184038 0 14.6	24		Mat Consistency: Material Moisture: Material Texture:		
Material Colo Material 1:		Blue Clay			Non Geo Mat Type: Geologic Formation:		
<i>Material 2: Material 3: Material 4:</i>					Geologic Group: Geologic Period: Depositional Gen:		
Gsc Material Stratum Deso	•	n:	CLAY. BLUE.				
Geology Stra Top Depth:	atum ID:	2184038 14.6	25		Mat Consistency: Material Moisture:		
Bottom Depti Material Colo Material 1:		17.7 Boulders			Material Texture: Non Geo Mat Type: Geologic Formation:		
Material 2: Material 3: Material 4:					Geologic Group: Geologic Period: Depositional Gen:		
Gsc Material Stratum Desc	•	n:	BOULDERS.				
Geology Stra Top Depth:	atum ID:	2184038 17.7	26		Mat Consistency: Material Moisture:		
Bottom Depti Material Colo Material 1:		21.3 Grey Limestor	ne		Material Texture: Non Geo Mat Type: Geologic Formation:		
Material 2: Material 3: Material 4:					Geologic Group: Geologic Period: Depositional Gen:		
Gsc Material	Description	n:					

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Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff ) (m)	Site	DE	3
Stratum Desc	cription:				ELOCITY = 5100. BEDROC tment have a truncated [Stra	K. SEISMIC VELOCITY = 13500. K. DA **Note: atum Description] field.	
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail Confiden 1:	ə:	Data Sun Geologica 1956-197	al Survey of Canac '2 Urban Geology A		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
<u>Source List</u>							
Source Identi Source Type: Source Date: Scale or Reso Source Name	olution:	1 Data Surv 1956-197 Varies	2	utomated Informatio	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Source Origi	nators:		Geological Surve	y of Canada			
<u>8</u>	1 of 1		ESE/134.0	57.9/-3.76	lot 29 con 1 ON	WWIS	S
Well ID: Construction Primary Wate Sec. Water U. Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N, Flow Rate: Clear/Cloudy	er Use: se: atus: rial: Method: liability: liability: lrock: Bedrock: Level: ):	1513143 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/19/1961 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01 OF	
PDF URL (Ma	ар):		https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1513143.pdf	
<u>Additional De</u> Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ted Date:	<u>p)</u>	1960/10/11 1960 21.336 45.492413541943 -75.47197958384 151\1513143.pdf				
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR:	:	1003513 <sup>,</sup>	1		Elevation: Elevrc:		
39	erisinfo.co	om   Envir	onmental Risk Ir	formation Servic	es	Order No: 22020200296	;

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Spatial Status	5:			Zone:	18	
Code OB:				East83:	463120.80	
Code OB Dese	c:			North83:	5037762.00	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	5	
Date Complete	ted: 11-Oct	-1960 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:						
Location Sour						
	Location Source:					
	Location Method:					
	ion Comment:					
Supplier Com	iment:					
<u>Overburden a</u> <u>Materials Inter</u>						
Formation ID:		931022523				
Formation ID:		2				
Layer: Color:		۷				
General Color	<b>.</b>					
Mat1:	-	13				
Most Commor	n Matarial:	BOULDERS				
Mat2:	n waterial.	DOOLDENG				
Mat2 Desc:						
Mat2 Dese. Mat3:						
Mat3 Desc:						
Formation Top	n Denth:	48.0				
Formation En	d Depth:	58.0				
	d Depth UOM:	ft				
<u>Overburden a</u> Materials Inter						
Formation ID:	•	931022522				
Layer:		1				
Color:		3				
General Color	r:	BLUE				
Mat1:		05				
Most Common	n Material:	CLAY				
Mat2:						
Mat2 Desc:						
Mat3:						
Mat3 Desc:	n Danst	0.0				
Formation Top	p Deptn:	0.0 48.0				
Formation En	d Depth: d Depth UOM:					
Formation En	a Depth UOM:	ft				
<u>Overburden a</u> <u>Materials Inter</u>						
Formation ID:		931022524				
Layer:		3				
Color:		2				
General Color	r:	GREY				
Mat1:		15				
		LIMESTONE				
	n Material:	LIMESTONE				
Most Common Mat2:	n Material:	LIMESTONE				
Mat2: Mat2 Desc:	n Material:	LIMESTONE				
Mat2: Mat2 Desc: Mat3:	n Material:					
Mat2: Mat2 Desc: Mat3: Mat3 Desc:						
Mat2: Mat2 Desc: Mat3:	p Depth:	58.0 70.0				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	961513143 7 Diamond			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10583701 1			
Construction	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	930062245 1 STEEL 60.0 2.0 inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930062246 2 4 OPEN HOLE 70.0 2.0 inch ft			

## Results of Well Yield Testing

Pump Test ID:	991513143
Pump Set At:	04.0
Static Level:	21.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	40.0
Pumping Rate:	9.0
Flowing Rate:	
Recommended Pump Rate:	9.0
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

## Water Details

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
<i>Water ID: Layer: Kind Code: Kind: Water Found E Water Found E</i>		933468644 1 1 FRESH 70.0 ft				
<u>9</u>	1 of 1	ESE/180.2	54.3 / -7.37	lot 28 ON		wwi
Well ID: Construction I Primary Water Sec. Water Use Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation Relia Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map	v Use: e: tus: al: C13953 Method: ability: ock: edrock: evel:			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 1/15/2018 TRUE 6894 6 OTTAWA CUMBERLAND TOWNSHIP 028 OF	
Additional Deta Well Complete Year Complete Depth (m): Latitude: Longitude: Path:	ed Date:	2017/12/20 2017 45.4924161946374 -75.4713371467115				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement I	<b>ed:</b> 20-Dec-2	161 2017 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 463171.00 5037762.00 UTM83 4 margin of error : 30 m - 100 m wwr	
	Location Method: on Comment:					
<u>10</u>	1 of 1	SSE/190.0	64.8 / 3.12	lot 29 con 1		ww

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Map Key	Number of Direction/ Records Distance (m		Elev/Diff (m)	Site		Ľ
				ON		
Vell ID: Construction Primary Wate Sec. Water Us Tinal Well Sta Vater Type: Casing Mater Audit No: Fag: Construction Flevation Rel Depth to Bedh Vell Depth: Dverburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	Date: r Use: Don se: 0 htus: Wat ial: Method: : iability: rock: Bedrock: _evel: :	3150 nestic er Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/30/1970 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 029 01 OF	
Clear/Cloudy: PDF URL (Ma						
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1969/03/07 1969 25.2984 45.4913302656531 -75.472738400419				
Bore Hole Infe	ormation					
mprovement	s: c: rce Date: Location Sourc Location Metho ion Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 463060.80 5037642.00 4 margin of error : 30 m - 100 m p4	
<u>Dverburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Mat1: Most Commo Mat2: Mat2 Desc:	r:	931022543 1 3 BLUE 05 CLAY				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:	an Danth.	0.0			
Formation Te Formation E	nd Depth:	73.0			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	931022544			
Layer:		2			
Color:		2			
General Colo	or:	GREY			
Mat1:		15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation Te	op Depth:	73.0			
Formation E		83.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction ID <sup>.</sup>	961513150			
	struction Code:	7			
Method Con	struction:	Diamond			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		10583708			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930062260			
Layer:		1			
Material:		1			
Open Hole of Depth From:		STEEL			
Depth From: Depth To:		75.0			
Casing Diam	eter:	2.0			
Casing Diam		inch			
Casing Dept		ft			
<u>Constructior</u>	<u>n Record - Casing</u>				
Casing ID:		930062261			
Layer:		2			
Material:		4			
Open Hole o Depth From:		OPEN HOLE			
Depth To:		83.0			
Casing Diam	eter:	2.0			
Casing Diam	eter UOM:	inch			
Casing Dept		ft			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Results of W</u>	lell Yield Te	sting					
Pump Test IL Pump Set At			513150				
Static Level:		40.0 <b>ng:</b> 60.0					
Final Level A Recommend		•					
Pumping Rate	te:	10.0					
Recommend	•						
Levels UOM: Rate UOM:	Ĩ	ft GPI	M				
Water State	After Test C	ode: 1					
Water State		CLE	AR				
Pumping Tes Pumping Du		1 3					
Pumping Du		0					
Flowing:		No					
Water Details	<u>s</u>						
Water ID:		933	468651				
Layer: Kind Codes		1					
Kind Code: Kind:		1 FRE	SH				
Water Found	I Depth:	83.0	-				
Water Found	I Depth UOI	<b>//:</b> ft					
<u>11</u>	1 of 1	E/	194.3	55.6 / -6.13	SITE PREPARATION	LIMITED	EASR
					ON		
Approval No.	:	R-009-411026			SWP Area Name:	Rideau Valley	
Status: Date:		REGISTEREE 2017-10-24	)		MOE District: Municipality:	Ottawa	
Record Type	);	EASR			Latitude:	45.4925	
Link Source:		MOFA			Longitude:	-75.47111111	
Project Type Full Address		Water Taking	- Construction D	ewatering	Geometry X: Geometry Y:		
Approval Typ		EAS	R-Water Taking	- Construction De	•		
Full PDF Lini						cument.action?documentRefID=2045	476
PDF URL: PDF Site Loc	cation:						
<u>12</u>	1 of 1	S/.	220.3	65.9 / 4.18	lot 29 con 1 ON		WWIS
Well ID: Construction	Doto-	1533836			Data Entry Status:	1	
Construction Primary Wate		Domestic			Data Src: Date Received:	1 6/6/2003	
Sec. Water U					Selected Flag:	TRUE	
Final Well St	atus:	Water Supply			Abandonment Rec: Contractor:	6006	
Water Type: Casing Mate	rial:				Form Version:	1	
Audit No:		251152			Owner:		
Tag:	Matha -l-				Street Name:	OTTANA	
Construction Elevation (m					County: Municipality:	OTTAWA CUMBERLAND TOWNSHIP	
Elevation Re					Site Info:		
Depth to Bed					Lot:	029	
Well Depth: Overburden/	Podroal				Concession: Concession Name:	01 CON	
Overburgen/	Beurock:				Concession Name:		

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Order No: 22020200296

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	ds/2Water/Wells_pdfs/153\1533836.pdf	
Additional Det	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		2003/05/01 2003 21.0312 45.4909771237649 -75.4732447932222 153\1533836.pdf				
Bore Hole Info	ormation					
	c: ed: 01-May ce Date: Location Source: Location Method: on Comment:	70 -2003 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 463021.00 5037603.00 NA 6 margin of error : 300 m - 1 km gis	
Overburden al Materials Inter						
Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End Formation End	n Material: o Depth: d Depth:	932905899 5 2 GREY 15 LIMESTONE 73 HARD 58.0 69.0 ft				
<u>Overburden ar</u> Materials Inter						
Formation ID: Layer: Color: General Color, Mat1: Most Commor Mat2:	:	932905897 3 2 GREY 11 GRAVEL 85				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SOFT			
Mat3: Mat3 Desc:					
Formation To	op Depth:	50.0			
Formation E	nd Depth:	56.0			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID	):	932905898			
Layer:		4			
Color:		2			
General Colo Mat1:	or:	GREY 11			
Most Comme	on Material:	GRAVEL			
Mat2:		80			
Mat2 Desc:		POROUS			
Mat3:					
Mat3 Desc: Formation Te	on Denth:	56.0			
Formation E	nd Depth:	58.0			
	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u> e	and Bedrock erval				
Formation ID	);	932905896			
Layer:		2			
Color: General Colo	Nr.	2 GREY			
Mat1:	л.	05			
Most Commo	on Material:	CLAY			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3: Mat3 Desc:					
Formation To	op Depth:	7.0			
Formation E	nd Depth:	50.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation ID	):	932905895			
Layer:		1			
Color:		6 RDOWN			
General Colo Mat1:	or:	BROWN 05			
Most Comme	on Material:	CLAY			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3: Mat3 Dagar					
Mat3 Desc: Formation Te	on Denth:	0.0			
Formation E		7.0			
	nd Depth UOM:	ft			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		933236368			

Layer: Plug From: Plug To: Plug Depth UOM:	1 0.0	
Plug From: Plug To:		
Plug Depth UOM:	20.0	
	ft	
Method of Construction & V	<u>Vell</u>	
<u>Use</u>		
Method Construction ID:	961533836	
Method Construction Code Method Construction:	: 4 Rotary (Air)	
Other Method Construction		
Pipe Information		
Pipe ID:	11086240	
Casing No:	1	
Comment:		
Alt Name:		
Construction Record - Casi	ing	
Casing ID:	930097734	
	930097734 1	
Layer: Material:	1	
Open Hole or Material:	STEEL	
Depth From:	SILLL	
Depth To:	58.0	
Casing Diameter:	6.0	
Casing Diameter UOM:	inch	
Casing Depth UOM:	ft	
Construction Record - Casi	ing	
Casing ID:	930097735	
Layer:	2	
Layer. Material:	4	
Open Hole or Material:	OPEN HOLE	
Depth From:		
Depth To:	69.0	
Casing Diameter:	6.0	
Casing Diameter UOM:	inch	
Casing Depth UOM:	ft	
Results of Well Yield Testin	a	
Pump Test ID:	991533836	
Pump Set At:	00100000	
Static Level:	25.0	
Final Level After Pumping:	50.0	
Recommended Pump Depti		
Pumping Rate:	25.0	
Flowing Rate:	20.0	
Recommended Pump Rate:	10.0	
Levels UOM:	ft	
Rate UOM:	GPM	
Water State After Test Code	-	
Water State After Test:	CLEAR	
Pumping Test Method:	2	
Pumping Duration HR:	-	
Pumping Duration MIN:	0	
Flowing:	No	

## Draw Down & Recovery

Pump Test Detail ID:	934121334
Test Type:	Recovery
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934914011
Test Type:	Recovery
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934396187
Test Type:	Recovery
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934656564
Test Type:	Recovery
Test Duration:	45
Test Level:	25.0
Test Level UOM:	ft

# Water Details

Water ID:	934031200
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

<u>13</u> 1 of 1	E/230.4	63.1 / 1.38	lot 28 con 1 ON		WWIS
Well ID:	1513137		Data Entry Status:		
Construction Date:			Data Src:	1	
Primary Water Use:	Domestic		Date Received:	5/17/1965	
Sec. Water Use:	0		Selected Flag:	TRUE	
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:			Contractor:	1504	
Casing Material:			Form Version:	1	
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method	-		County:	OTTAWA	
Elevation (m):			Municipality:	CUMBERLAND TOWNSHIP	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:	028	
Well Depth:			Concession:	01	
Overburden/Bedrock	:		Concession Name:	OF	
Pump Rate:			Easting NAD83:		

	Number Records	01	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	):				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Ma	p):		https://d2khazk8e83r	rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1513137.pdf	
Additional De	etail(s) (Map)	2					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:			1965/03/12 1965 11.5824 45.4931394173469 -75.4705778498225 151\1513137.pdf				
Bore Hole Infe	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	s: sc:	10035125	5		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 463230.80 5037842.00 5	
Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com Overburden a	rce Date: Location So Location M ion Comme iment: and Bedrock	ource: ethod: nt:	965 00:00:00		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	rce Date: Location So Location Ma ion Commen iment: and Bedrock erval : r: r: n Material: op Depth: nd Depth:	ource: ethod: nt:	965 00:00:00 931022506 1 3 BLUE 05 CLAY 0.0 30.0 ft				
Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	rce Date: Location So Location Ma ion Commen iment: and Bedrock erval : r: n Material: of Depth: nd Depth: nd Depth UO and Bedrock	ource: ethod: nt: <u>c</u>	931022506 1 3 BLUE 05 CLAY 0.0 30.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3:					
Mat3 Desc:	. Denth	20.0			
Formation To	p Deptn:	30.0 38.0			
Formation En	d Depth UOM:	ft			
r onnation En	a Deptil OOM.	n			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	961513137			
	truction Code:	7			
Method Cons	truction:	Diamond			
Other Method	Construction:				
<u>Pipe Informat</u>	ion				
Pipe ID:		10583695			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930062235			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:					
Depth To:	40.4	38.0 2.0			
Casing Diame Casing Diame		inch			
Casing Depth		ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID	:	991513137			
Pump Set At:					
Static Level:		20.0			
Final Level A		25.0			
	ed Pump Depth:	25.0			
Pumping Rate	9:	7.0			
	ed Pump Rate:	6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur		3			
Pumping Dur Flowing:	ation MIN:	0 No			
Water Details					
Water ID:		933468638			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found		38.0			
Water Found	Depth UOM:	ft			

	Number Record		Elev/Diff ) (m)	Site	D
<u>14</u> 1	of 27	WNW/232.4	56.9 / -4.82	NATREL(ONT)INC. NATREL FOODS, 1001 DAIRY D DRIVE CUMBERLAND TOWNSH CUMBERLAND TOWNSHIP ON I	IIP
Ref No:		166805		Discharger Report:	
Site No:				Material Group:	
Incident Dt: Year:		//		Health/Env Conseq:	
ncident Cause		OTHER CAUSE (N.O.S.)		Client Type: Sector Type:	
Incident Event:		OTTER CAUSE (N.O.S.)		Agency Involved:	
Contaminant C				Nearest Watercourse:	
Contaminant N	ame:			Site Address:	
Contaminant Li	imit 1:			Site District Office:	
Contam Limit F	req 1:			Site Postal Code:	
Contaminant U	N No 1:			Site Region:	
Environment In	npact:	CONFIRMED		Site Municipality: 20601	
Nature of Impa		Soil contamination		Site Lot:	
Receiving Medi		LAND		Site Conc:	
Receiving Env:				Northing:	
MOE Response				Easting:	
Dt MOE Arvl on		4/20/4000		Site Geo Ref Accu:	
MOE Reported		4/20/1999		Site Map Datum:	
Dt Document C Incident Reaso		INTENTIONAL/PLANNED		SAC Action Class: Source Type:	
Site Name:	<i>n.</i>	INTENTIONAL/FEANNED		Source Type.	
Site Name. Site County/Dis	strict.				
Site Geo Ref M					
Incident Summ		NATREL: FUEL	AND BATTERY AC	D FOUND SPILLED ON GROUND.	
Contaminant Q	ty:				
<u>14</u> 2	of 27	WNW/232.4	56.9 / -4.82	Natrel Inc.	SC1
				1001 Dairy Dr Orleans ON K4A 3N3	
Established:		1993			
Plant Size (ft²): Employment:		125			
<u>Details</u> Description:		Fluid Milk Manufa	acturing		
SIC/NAICS Cod	le:	311511	locumg		
<u>14</u> 3	of 27	WNW/232.4	56.9 / -4.82	NATREL ONTARIO INC. 1001 DAIRY DRIVE ORLEANS ON K4A 3N3	GEN
Generator No:		ON2193903		Status:	
SIC Code:		1041		Co Admin:	
SIC Description		FLUID MILK IND.		Choice of Contact:	
Approval Years	s:	97,98		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class De	esc:	ALIPHATIC SOL	VENTS		
Waste Class:		213 DETROI EUM DI			
Waste Class De	esc:	PETROLEUM DI	STILLATES		
	ricinfo or	om   Environmental Risk li	oformation Carvia		Order No: 2202020029

Мар Кеу	Numbe Record		Elev/Diff m) (m)	Site	DB
Waste Class Waste Class		251 OIL SKIMMING	S & SLUDGES		
Waste Class Waste Class		252 WASTE OILS 8	LUBRICANTS		
Waste Class Waste Class		263 ORGANIC LAB	ORATORY CHEMIC	ALS	
Waste Class Waste Class	-	122 ALKALINE WAS	STES - OTHER MET	ALS	
Waste Class Waste Class		148 INORGANIC LA	BORATORY CHEM	ICALS	
<u>14</u>	4 of 27	WNW/232.4	56.9 / -4.82	NATREL (ONTARIO) INC. 1001 DAIRY DRIVE ORLEANS ON K4A 3N3	GEN
Generator No SIC Code: SIC Descript Approval Yes PO Box No: Country:	tion:	ON2193903 1041 FLUID MILK IND. 99,00		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class Waste Class		251 OIL SKIMMING	S & SLUDGES		
Waste Class Waste Class		252 WASTE OILS 8	LUBRICANTS		
Waste Class Waste Class		122 ALKALINE WA	STES - OTHER MET	ALS	
Waste Class Waste Class		148 INORGANIC LA	BORATORY CHEM	ICALS	
Waste Class Waste Class		212 ALIPHATIC SO	LVENTS		
Waste Class Waste Class		213 PETROLEUM I	DISTILLATES		
Waste Class Waste Class		263 ORGANIC LAB	ORATORY CHEMIC	ALS	
<u>14</u>	5 of 27	WNW/232.4	56.9 / -4.82	NATREL (SEE & USE ON2687803) 1001 DAIRY DRIVE ORLEANS ON K4A 3N3	GEN
Generator No SIC Code: SIC Descript Approval Yea PO Box No: Country:	tion:	ON2193903 1041 FLUID MILK IND. 01		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	

# <u>Detail(s)</u>

Мар Кеу	Numbel Record		Elev/Diff (m)	Site	DB
Waste Class: Waste Class		122 ALKALINE WASTE	ES - OTHER MET	ALS	
Waste Class: Waste Class		148 INORGANIC LABO	DRATORY CHEM	ICALS	
Waste Class: Waste Class		212 ALIPHATIC SOLV	ENTS		
Waste Class: Waste Class		213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class		251 OIL SKIMMINGS &	& SLUDGES		
Waste Class: Waste Class		252 WASTE OILS & LU	JBRICANTS		
Waste Class: Waste Class		263 ORGANIC LABOR	ATORY CHEMIC	ALS	
<u>14</u>	6 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	GEN
Generator No SIC Code: SIC Descripti Approval Yea PO Box No: Country:	on:	ON2687803 413120 Dairy & Milk Products Whl. 03,04,05,07,08		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class		211 AROMATIC SOLV	ENTS		
Waste Class: Waste Class		145 PAINT/PIGMENT/	COATING RESID	JES	
Waste Class: Waste Class		114 OTHER INORGAN	NIC ACID WASTES	8	
Waste Class: Waste Class		122 ALKALINE WASTE	ES - OTHER MET.	ALS	
Waste Class: Waste Class		148 INORGANIC LABO		ICALS	
Waste Class: Waste Class		212 ALIPHATIC SOLV	ENTS		
Waste Class: Waste Class		213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class		251 OIL SKIMMINGS 8	& SLUDGES		
Waste Class: Waste Class		252 WASTE OILS & LU	JBRICANTS		
Waste Class: Waste Class		263 ORGANIC LABOR	ATORY CHEMIC	ALS	

Мар Кеу	Numbe Record		Elev/Diff (m)	Site		DB
<u>14</u>	7 of 27	WNW/232.4	56.9 / -4.82	Agropur Cooperative 1001 Dairy Dr Orléans ON K4A 3N3		SCT
Established. Plant Size (f Employmen	t²):	01-AUG-93				
<u>Details</u> Description: SIC/NAICS (		Fluid Milk Manufac 311511	turing			
<u>14</u>	8 of 27	WNW/232.4	56.9 / -4.82	1001 Dairy Dr Ottawa ON K4A 3N3		SPL
Ref No: Site No: Incident Dt:		7738-78A5QT		Discharger Report: Material Group: Health/Env Conseq:	Waste	
Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contam Lim	ent: t Code: t Name: t Limit 1:	Overflow (Tanks Lagoons) 46 MILK WASTE		Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	Other	
Contaminan Environmen Nature of Im Receiving M Receiving E	t Impact: pact: ledium: nv:	Not Anticipated Surface Water Pollution Water		Site Region: Site Municipality: Site Lot: Site Conc: Northing:	Ottawa NA	
MOE Respon Dt MOE Arvi MOE Report Dt Documen Incident Rea	l on Scn: ed Dt: nt Closed:	No Field Response 10/23/2007 11/15/2007 Negligence (Apparent) - Cau	sed by lack of	Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	NA	
Site Name: Site County/		diligence Natrel Inc (Sealtest	t)			
Site Geo Rei Incident Sur Contaminan	nmary:	@200 L waste milk 200 L	to storm drain, co	ontained, cleaning		
<u>14</u>	9 of 27	WNW/232.4	56.9 / -4.82	AULT FOODS 1001 DAIRY DR ORLEANS ON K4A 3N	13	NPCB
Company Co Industry: Site Status: Transaction Inspection D	Date:	F1362 UNDEFINED				
<u>Details</u> Label:		F136200				
Serial No.: PCB Type/C	ode:	OTHER WASTE/LO	WC			
Location: Item/State: No. of Items Manufacture		BARREL DEBRIS, 10	ETC/FULL			

Map Key	Number Record		Elev/Diff (m)	Site		DB
Status: Contents:		STORED FOR DIS 250 KG	SPOSAL			
14 10 of 27		WNW/232.4	56.9 / -4.82	NATURAL ONTARIO INC. (AULT FOODS LIMITED) 1001 DAIRY DRIVE ORLEANS ON K4A 3N3		NPCB
Company Code: Industry: Site Status: Transaction Date: Inspection Date:		O0463 FOOD/BEVERAGE/WATER STORAGE ONLY (NON FEDERAL) 1/24/2000 6/2/1997				
<u>14</u>	11 of 27	WNW/232.4	56.9/-4.82	Agropur Cooperative 1001 Dairy Dr Ottawa ON K4A 3N3		SPL
Ref No: Site No: Incident Dt: Year:		8424-7NPT5U		Discharger Report: Material Group: Health/Env Conseq: Client Type:		
Incident Cau Incident Eve Contaminan Contaminan Contaminan Contam Lim	ent: ht Code: ht Name: ht Limit 1:	Discharge or Emission to Air AMMONIA (N.O.S.)		Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	Other	
Contaminan Environmen Nature of Im Receiving M Receiving E	nt UN No 1: nt Impact: npact: ledium:	Not Anticipated		Site Region: Site Municipality: Site Lot: Site Conc: Northing:	Ottawa	
MOE Respo Dt MOE Arv MOE Report	nse: l on Scn: ted Dt:	No Field Response 1/27/2009		Easting: Site Geo Ref Accu: Site Map Datum:	NA	
Dt Documen Incident Rea		Negligence (Apparent) - Cau diligence		SAC Action Class: Source Type:	Air Spills - Gases and Vapours	
Site Name: Site County/ Site Geo Rei Incident Sur	f Meth: mmary:	Natrel Inc (Sealtes Natrel: ammonia re		of R717 to atm.		
Contaminan	nt Qty:	6 kg				
<u>14</u>	12 of 27	WNW/232.4	56.9/-4.82	Agropur Cooperative 1001 Dairy Drive Ottawa ON K4A 3N3		СА
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Addre Client City: Client Posta Project Dese	Year: ype: Type: e: ess: N Code:	6513-6BSKNX 2005 8/11/2005 Air Approved				

Map Key	Number Record		Elev/Diff ) (m)	Site	DB
Contaminan Emission Co					
<u>14</u>	13 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	GEN
Generator N SIC Code: SIC Descrip Approval Ye PO Box No: Country:	tion:	ON2687803 413120, 311511 Dairy and Milk Products Wh Distributors, Fluid Milk Manu 2009		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
Detail(s)					
Waste Class Waste Class		148 INORGANIC LAB	ORATORY CHEM	ICALS	
Waste Class Waste Class		114 OTHER INORGA	NIC ACID WASTE	S	
Waste Class Waste Class		122 ALKALINE WAST	ES - OTHER MET	ALS	
Waste Class Waste Class		145 PAINT/PIGMENT	COATING RESID	UES	
Waste Class Waste Class	-	211 AROMATIC SOLV	VENTS		
Waste Class Waste Class	-	212 ALIPHATIC SOLV	/ENTS		
Waste Class Waste Class	-	213 PETROLEUM DIS	STILLATES		
Waste Class Waste Class	-	251 OIL SKIMMINGS	& SLUDGES		
Waste Class Waste Class		252 WASTE OILS & L	UBRICANTS		
Waste Class Waste Class		263 ORGANIC LABOI	RATORY CHEMIC	ALS	
<u>14</u>	14 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	GEN
SIC Code: 413 SIC Description: Dair		DN2687803 113120, 311511 Dairy and Milk Products Wholesaler- Distributors, Fluid Milk Manufacturing		Status: Co Admin: Choice of Contact:	
Approval Ye PO Box No: Country:	ars:	2010	araotunniy	Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class	2	145			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class	Desc:	PAINT/PIGMENT/C	OATING RESID	UES	
Waste Class: Waste Class		263 ORGANIC LABORA	ATORY CHEMIC	CALS	
Waste Class: Waste Class		252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class		114 OTHER INORGANI	C ACID WASTE	S	
Waste Class: Waste Class		148 INORGANIC LABO	RATORY CHEM	licals	
Waste Class: Waste Class		213 PETROLEUM DIST	ILLATES		
Waste Class: Waste Class		212 ALIPHATIC SOLVE	INTS		
Waste Class: Waste Class		211 AROMATIC SOLVE	ENTS		
Waste Class: Waste Class		122 ALKALINE WASTE	S - OTHER MET	ALS	
Waste Class: Waste Class		251 OIL SKIMMINGS &	SLUDGES		
<u>14</u>	15 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	GEN
Generator No SIC Code: SIC Descript	41 ion: Da	N2687803 3120, 311511 airy and Milk Products Whol stributors, Fluid Milk Manufa		Status: Co Admin: Choice of Contact:	
Approval Yea PO Box No: Country:		111	acturing	Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class		251 OIL SKIMMINGS &	SLUDGES		
Waste Class: Waste Class		114 OTHER INORGANI	C ACID WASTE	S	
Waste Class: Waste Class		148 INORGANIC LABO	RATORY CHEM	licals	
Waste Class: Waste Class		252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class		213 PETROLEUM DIST	ILLATES		
Waste Class: Waste Class		212 ALIPHATIC SOLVE	INTS		
Waste Class: Waste Class		211 AROMATIC SOLVE	ENTS		

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Waste Class: Waste Class I		122 ALKALINE WASTE	ES - OTHER MET	ALS	
Waste Class: Waste Class I		263 ORGANIC LABOR		ALS	
Waste Class: Waste Class I		145 PAINT/PIGMENT/	COATING RESID	JES	
<u>14</u>	16 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON K4A 3N3	GEN
Generator No SIC Code: SIC Description Approval Yea PO Box No:	on:	ON2687803 413120, 311511 Dairy and Milk Products Who Distributors, Fluid Milk Manu 2012		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class I		212 ALIPHATIC SOLV	ENTS		
Waste Class: Waste Class I		122 ALKALINE WASTE	ES - OTHER MET	ALS	
Waste Class: Waste Class I		211 AROMATIC SOLV	ENTS		
Waste Class: Waste Class I		213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class I		145 PAINT/PIGMENT/	COATING RESID	JES	
Waste Class: Waste Class I		263 ORGANIC LABOR	ATORY CHEMIC	ALS	
Waste Class: Waste Class I	Desc:	148 INORGANIC LABO	DRATORY CHEMI	CALS	
Waste Class: Waste Class I		114 OTHER INORGAN	IC ACID WASTES	5	
Waste Class: Waste Class I		251 OIL SKIMMINGS &	& SLUDGES		
Waste Class: Waste Class I		252 WASTE OILS & LU	JBRICANTS		
<u>14</u>	17 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPERATIVE 1001 Dairy Drive Orleans CUMBERLAND TOWNSHIP ON	GEN
Generator No SIC Code: SIC Descriptio		ON2687803 413120, 311511 DAIRY AND MILK PRODUC WHOLESALER-DISTRIBUT		Status: Co Admin: Choice of Contact:	
Approval Yea	rs:	MANUFACTURING 2013		Phone No Admin:	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
PO Box No: Country:					Contam. Facility: MHSW Facility:		
<u>Detail(s)</u>							
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES			
Waste Class Waste Class			211 AROMATIC SOLVE	ENTS			
Waste Class Waste Class			212 ALIPHATIC SOLVE	INTS			
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS			
Waste Class Waste Class			114 OTHER INORGAN	IC ACID WASTE	S		
Waste Class Waste Class			267 ORGANIC ACIDS				
Waste Class Waste Class			122 ALKALINE WASTE	S - OTHER MET	ALS		
Waste Class Waste Class			263 ORGANIC LABORA	ATORY CHEMIC	ALS		
Waste Class Waste Class	-		148 INORGANIC LABO	RATORY CHEM	IICALS		
Waste Class Waste Class			145 PAINT/PIGMENT/C	OATING RESID	UES		
Waste Class Waste Class			213 PETROLEUM DIST	TILLATES			
<u>14</u>	18 of 27		WNW/232.4	56.9 / -4.82	AGROPUR COOP 101 DAIRY DRIVE OTTAWA ON K4A	RUE NOT AVAILABLE	NPRI
NPRI ID: Other ID: No Other ID: Track ID: Report ID: Report Type. Rpt Type ID:	:	27628 125243 47490 NPRI 1			Org ID: Submit Date: Last Modified: Contact ID: Cont Type: Contact Title: Cont First Name:	100894 4/27/2015 5/29/2015 3:28:24 PM	

Cont Last Name:

Contact Position:

Cont Area Code:

Cont Fax Area Cde:

45.494363

-75.475709

Contact Fax:

Contact Ph.:

Contact Tel.:

Contact Ext.:

Contact Fax:

Latitude:

Longitude:

UTM Zone:

Contact Email:

UTM Northing:

Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts:

Report Year:

Fac ID:

Fac Name:

Fac Address1:

Fac Address2:

Fac Postal Zip:

Facility Lat:

60

Not-Current Rpt?:

Yr of Last Filed Rpt:

2014

2014

212163

OTTAWA

K4A 3N3

45.49344

-75.4757

1983

101 DAIRY DRIVE RUE

NOT AVAILABLE

No

AGROPUR COOPÉRATIVE - USINE DE

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Canadian S SIC Code D American S NAICS Cod	Co.: Cmnts: CC Code (2 di C Code: C Code: Description: SIC Code: le (2 digit):	www.agro 90 <b>igit):</b>	31		UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:		
NAICS 2 De NAICS Cod NAICS 4 De NAICS Cod NAICS 6 De	le (4 digit): escription: le (6 digit):		Manufacturing 3115 Dairy product manu 311515 Butter, cheese, and	-	d dairy product manufactu	ring	
<u>14</u>	19 of 27		WNW/232.4	56.9 / -4.82	Agropur Cooperative 1001 Dairy Drive Ottawa ON K4A 3N3	9	ECA
Approval N Approval D Status: Record Typ Link Source SWP Area I Approval T Project Typ Business N Address: Full Address Full PDF Lin PDF Site Lo	vate: pe: Name: Vype: pe: lame: SS: nk:	6513-6BS 2005-08- Approved ECA IDS Rideau V	11 I ECA-AIR AIR Agropur Cooperativ 1001 Dairy Drive		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.475716 45.494457 -697MRM-14.pdf	
<u>14</u>	20 of 27		WNW/232.4	56.9 / -4.82	AGROPUR COOPER 1001 Dairy Drive Orle CUMBERLAND TOW	eans	GEN
Generator I SIC Code:					Status: Co Admin: Choice of Contact:	Tom Trumper CO_OFFICIAL	
SIC Descrip Approval Y PO Box No.			CTURING		Phone No Admin: Contam. Facility: MHSW Facility:	613-834-5776 Ext. No No	
SIC Descriµ Approval Y PO Box No. Country:		MANUFA 2016			Contam. Facility:	No	
SIC Descrip Approval Y PO Box No. Country: <u>Detail(s)</u> Waste Clas	: :s:	MANUFA 2016		TILLATES	Contam. Facility:	No	
SIC Descrip Approval Y PO Box No. Country: <u>Detail(s)</u> Waste Clas Waste Clas Waste Clas	: s: s Desc: s:	MANUFA 2016	CTURING 213		Contam. Facility:	No	
SIC Descrip Approval Y PO Box No. Country: <u>Detail(s)</u> Waste Clas Waste Clas Waste Clas Waste Clas Waste Clas Waste Clas	: s: s: Desc: s: s: Desc: s:	MANUFA 2016	CTURING 213 PETROLEUM DIST 212	INTS	Contam. Facility: MHSW Facility:	No	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class Waste Class			114 OTHER INORGAN	NIC ACID WASTES	3		
Waste Class Waste Class			211 AROMATIC SOLV	/ENTS			
Waste Class Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
Waste Class Waste Class			252 WASTE OILS & LI	UBRICANTS			
Waste Class Waste Class			267 ORGANIC ACIDS				
Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES			
Waste Class Waste Class			263 ORGANIC LABOF	RATORY CHEMICA	ALS		
<u>14</u>	21 of 27		WNW/232.4	56.9/-4.82	AGROPUR COOPEI 1001 Dairy Drive Or CUMBERLAND TOV		GEN
Generator N SIC Code: SIC Descript		WHOLES			Status: Co Admin: Choice of Contact:	Tom Trumper CO_OFFICIAL	
Approval Ye PO Box No: Country:	ars:	2015 Canada			Phone No Admin: Contam. Facility: MHSW Facility:	613-834-5776 Ext. No No	
<u>Detail(s)</u>							
Waste Class Waste Class	-		122 ALKALINE WAST	ES - OTHER MET/	ALS		
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESIDU	JES		
Waste Class Waste Class			148 INORGANIC LABO	ORATORY CHEMI	CALS		
Waste Class Waste Class			114 OTHER INORGAN	NIC ACID WASTES	8		
Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES			
Waste Class Waste Class			263 ORGANIC LABOF	RATORY CHEMICA	ALS		
Waste Class Waste Class	-		267 ORGANIC ACIDS				
Waste Class Waste Class			252 WASTE OILS & LI	UBRICANTS			
Waste Class Waste Class			211 AROMATIC SOLV	/ENTS			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Waste Class Waste Class			213 PETROLEUM DIST	ILLATES			
Waste Class Waste Class			212 ALIPHATIC SOLVE	INTS			
<u>14</u>	22 of 27		WNW/232.4	56.9 / -4.82	AGROPUR COOPER 1001 Dairy Drive Orl CUMBERLAND TOW	eans	GEN
Generator No SIC Code: SIC Descript		WHOLES			Status: Co Admin: Choice of Contact:	Tom Trumper CO_OFFICIAL	
Approval Yea PO Box No: Country:	ars:	2014 Canada			Phone No Admin: Contam. Facility: MHSW Facility:	613-834-5776 Ext. No No	
<u>Detail(s)</u>							
Waste Class Waste Class			263 ORGANIC LABORA	ATORY CHEMIC	ALS		
Waste Class Waste Class			213 PETROLEUM DIST	TILLATES			
Waste Class Waste Class			122 ALKALINE WASTE	S - OTHER MET	ALS		
Waste Class Waste Class			211 AROMATIC SOLVE	ENTS			
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS			
Waste Class Waste Class			148 INORGANIC LABO	RATORY CHEMI	CALS		
Waste Class Waste Class	-		251 OIL SKIMMINGS &	SLUDGES			
Waste Class Waste Class			267 ORGANIC ACIDS				
Waste Class Waste Class			114 OTHER INORGAN	IC ACID WASTES	3		
Waste Class Waste Class			145 PAINT/PIGMENT/C	OATING RESID	JES		
Waste Class Waste Class	-		212 ALIPHATIC SOLVE	INTS			
<u>14</u>	23 of 27		WNW/232.4	56.9 / -4.82	AGROPUR COOPER 1001 Dairy Drive Orl CUMBERLAND TOW	eans	GEN
Generator No SIC Code: SIC Descript		ON2687	803		Status: Co Admin: Choice of Contact:	Registered	
Approval Yea PO Box No:		As of De	c 2018		Choice of Contact. Phone No Admin: Contam. Facility:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class		122 C Alkaline slutions - co	ontaining other r	netals and non-metals (not cyanide)	
Waste Class: Waste Class		145 I Wastes from the use	e of pigments, c	oatings and paints	
Waste Class: Waste Class		148 C Misc. wastes and inc	organic chemica	als	
Waste Class: Waste Class		211 H Aromatic solvents a	nd residues		
Waste Class: Waste Class		212 L Aliphatic solvents ar	nd residues		
Waste Class: Waste Class		251 L Waste oils/sludges (	petroleum base	d)	
Waste Class: Waste Class		213 I Petroleum distillates			
Waste Class: Waste Class		114 C Other inorganic acid	wastes		
Waste Class: Waste Class		252 L Waste crankcase oil	s and lubricants	5	
Waste Class: Waste Class		267 C Organic acids			
Waste Class: Waste Class		312 P Pathological wastes			
<u>14</u>	24 of 27	WNW/232.4	56.9 / -4.82	Agropur Cooperative 1001 Dairy Drive Street Orleans ON K4A 3N3	NPRI

Fac Name:Agropur Coopérative - Usine de OttawaCont Area Code:Fac Address1:1001 Dairy Drive StreetContact Tel.:Fac Address2:Contact Ext.:Fac Postal Zip:K4A 3N3Cont Fax Area Cde:Facility Lat:45.49344Contact Fax:Facility Long:-75.4757Contact Email:DLS (Last Filed Rpt):Latitude:45.494363Facility DLS:Longitude:-75.475709Datum:1983UTM Zone:Facility Cmnts:UTM Northing:URL:90Waste Streams:	Fac Address2: Fac Postal Zip: Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts: URL:	K4A 3N3 45.49344 -75.4757 1983	Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: Longitude: UTM Zone: UTM Northing: UTM Easting:	
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Мар Кеу	Numbe Record		Elev/Diff ) (m)	Site		DE
Canadian S SIC Code L American S NAICS Cod NAICS 2 De NAICS Cod NAICS 4 De NAICS Cod	Co.: / Cmnts: ks: SIC Code (2 c SIC Code: Description:	31 Manufacturing 3115 Dairy product mar 311515	-	No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown: Sed dairy product manufactu	uring	
<u>14</u>	25 of 27	WNW/232.4	56.9 / -4.82	AGROPUR COOPER COOPERATIVE 1001 DAIRY DR ORLEANS ON K4A :		EASR
Approval N Status: Date: Record Tyµ Link Sourc Project Tyµ Full Addres	pe: :e: pe:	R-010-4111090554 REGISTERED 2019-03-13 EASR MOFA Air Emissions		SWP Area Name: MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y:	Rideau Valley Ottawa ORLEANS 45.49444444 -75.47583333	
Approval T Full PDF Li PDF URL: PDF Site Lo	ink:	EASR-Air Emissic http://www.access		jov.on.ca/AEWeb/ae/ViewD	Occument.action?documentRefI	D=2136096
Full PDF Li PDF URL:	ink:			AGROPUR COOPEF 1001 Dairy Drive Orl	RATIVE	D=2136096 GEN
Full PDF Li PDF URL: PDF Site Li	ink: ocation: 26 of 27 No: ption: (ears:	http://www.access	senvironment.ene.ç	AGROPUR COOPEF 1001 Dairy Drive Orl	RATIVE leans	
Full PDF Li PDF URL: PDF Site Li <u>14</u> Generator SIC Code: SIC Descri Approval Y PO Box No Country: <u>Detail(s)</u> Waste Clas	ink: ocation: 26 of 27 No: ption: /ears: >:	http://www.access <i>WNW/232.4</i> ON2687803 As of Jul 2020 Canada 122 C	senvironment.ene.o	AGROPUR COOPER 1001 Dairy Drive Ori CUMBERLAND TOV Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RATIVE leans VNSHIP ON K4A 3N3 Registered	
Full PDF Li PDF URL: PDF Site Li <u>14</u> Generator SIC Code: SIC Descri Approval Y PO Box No Country: <u>Detail(S)</u>	ink: ocation: 26 of 27 No: /ption: /ears: >: ss: ss Desc: ss:	http://www.access WNW/232.4 ON2687803 As of Jul 2020 Canada 122 C Alkaline slutions - 251 L	senvironment.ene.o	AGROPUR COOPER 1001 Dairy Drive Ord CUMBERLAND TOV Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RATIVE leans VNSHIP ON K4A 3N3 Registered	
Full PDF Li PDF URL: PDF Site Li <u>14</u> Generator I SIC Code: SIC Descri Approval Y PO Box No Country: <u>Detail(s)</u> Waste Clas Waste Clas	ink: ocation: 26 of 27 No: (ption: (ears: o: ss: ss Desc: ss: ss Desc: ss:	http://www.access WNW/232.4 ON2687803 As of Jul 2020 Canada 122 C Alkaline slutions - 251 L Waste oils/sludge 252 L	56.9 / -4.82	AGROPUR COOPER 1001 Dairy Drive Ord CUMBERLAND TOV Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RATIVE leans VNSHIP ON K4A 3N3 Registered	
Full PDF Li PDF URL: PDF Site Li <u>14</u> Generator I SIC Code: SIC Descrij Approval Y PO Box No Country: <u>Detail(S)</u> Waste Clas Waste Clas Waste Clas Waste Clas	ink: ocation: 26 of 27 No: ption: rears: o: ss: Desc: ss: Desc: ss: Desc: ss: Desc: ss: Ss:	http://www.access WNW/232.4 ON2687803 As of Jul 2020 Canada 122 C Alkaline slutions - 251 L Waste oils/sludge 252 L	56.9 / -4.82	AGROPUR COOPER 1001 Dairy Drive Ord CUMBERLAND TOV Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RATIVE leans VNSHIP ON K4A 3N3 Registered	
Full PDF Li PDF URL: PDF Site Li <u>14</u> Generator SIC Code: SIC Descri Approval Y PO Box No Country: <u>Detail(S)</u> Waste Clas Waste Clas Waste Clas Waste Clas Waste Clas	ink: ocation: 26 of 27 No: ption: /ears: o: ss: ss Desc: ss: ss Desc: ss: ss Desc: ss: ss Desc: ss: ss Desc: ss: ss Desc: ss:	http://www.access WNW/232.4 ON2687803 As of Jul 2020 Canada 122 C Alkaline slutions - 251 L Waste oils/sludge 252 L Waste crankcase 212 L	56.9 / -4.82 56.9 / -4.82 containing other m s (petroleum based oils and lubricants and residues	AGROPUR COOPER 1001 Dairy Drive Ord CUMBERLAND TOV Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	RATIVE leans VNSHIP ON K4A 3N3 Registered	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		Petroleum distillate	es			
Waste Class: Waste Class			145 I Wastes from the us	se of pigments, co	patings and paints		
Waste Class: Waste Class			211 H Aromatic solvents	and residues			
Waste Class: Waste Class			148 C Misc. wastes and i	norganic chemica	ls		
Waste Class: Waste Class			267 C Organic acids				
Waste Class: Waste Class			312 P Pathological waste	S			
<u>14</u>	27 of 27		WNW/232.4	56.9 / -4.82	AGROPUR COOPE 1001 Dairy Drive Or CUMBERLAND TOV		GEN
Generator No SIC Code: SIC Descripti		ON26878	303		Status: Co Admin: Choice of Contact:	Registered	
Approval Yea PO Box No: Country:		As of Nov Canada	v 2021		Phone No Admin: Contam. Facility: MHSW Facility:		
<u>Detail(s)</u>							
Waste Class: Waste Class			212 L Aliphatic solvents a	and residues			
Waste Class: Waste Class			145 I Wastes from the us	se of pigments, co	patings and paints		
Waste Class: Waste Class			251 L Waste oils/sludges	(petroleum base	d)		
Waste Class: Waste Class			114 C Other inorganic ac	id wastes			
Waste Class: Waste Class			211 H Aromatic solvents	and residues			
Waste Class: Waste Class			252 L Waste crankcase c	oils and lubricants			
Waste Class: Waste Class			312 P Pathological waste	s			
Waste Class: Waste Class			122 C Alkaline slutions - c	containing other n	netals and non-metals (not o	cyanide)	
Waste Class: Waste Class			267 C Organic acids				
Waste Class: Waste Class			148 C Misc. wastes and i	norganic chemica	ls		
Waste Class: Waste Class			213 I Petroleum distillate	es			

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
<u>15</u>	1 of 1	SE/238.9	59.3 / -2.39	lot 29 con 1 ON		wwis
Well ID:		1516405		Data Entry Status:		
Constructio	n Date:			Data Src:	1	
Primary Wat	ter Use:	Domestic		Date Received:	2/10/1978	
Sec. Water U	Use:	0		Selected Flag:	TRUE	
Final Well S	tatus:	Water Supply		Abandonment Rec:		
Water Type:	•			Contractor:	1504	
Casing Mate	erial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Constructio	n Method:			County:	OTTAWA	
Elevation (m	n):			Municipality:	CUMBERLAND TOWNSHIP	
Elevation Re				Site Info:		
Depth to Be	drock:			Lot:	029	
Well Depth:				Concession:	01	
Overburden	/Bedrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water	r Level:			Northing NAD83:		
Flowing (Y/N	V):			Zone:		
Flow Rate:	-			UTM Reliability:		
Clear/Cloud	y:			-		

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1516405.pdf$ 

### Additional Detail(s) (Map)

Well Completed Date:	1977/08/08
Year Completed:	1977
Depth (m):	15.24
Latitude:	45.4911448989352
Longitude:	-75.4718538079347
Path:	151\1516405.pdf

### Bore Hole Information

Bore Hole ID:	10038326	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	463129.80
Code OB Desc:		North83:	5037621.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	08-Aug-1977 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			

Overburden and Bedrock Materials Interval

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

Formation ID:	931032026
Layer:	3
Color:	2
General Color:	GREY
Mat1:	19
Most Common Material:	SLATE
Mat2:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation T	op Depth:	18.0			
Formation E		50.0			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	and Bedrock erval				
Formation IL	):	931032025			
Layer:		2			
Color:		2			
General Colo	or:	GREY			
Mat1:		05 CLAY			
Most Commo Mat2: Mat2 Desc:	on Material:	CLAY			
<i>Mat3:</i> <i>Mat3 Desc:</i>					
Formation Te	op Depth-	7.0			
Formation E	nd Depth:	18.0			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	and Bedrock erval				
Formation IL	) <u>:</u>	931032024			
Layer:		1			
Color:		5			
General Colo	or:	YELLOW			
Mat1: Most Comm	n Motorial:	28 SAND			
Mat2:	on Material:	SAND			
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation To		0.0			
Formation E		7.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con		961516405			
	struction Code:	4 Dotory (Air)			
Method Cons Other Metho	struction: d Construction:	Rotary (Air)			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10586896			
Casing No: Comment: Alt Name:		1			
<u>Construction</u>	n Record - Casing				
Casing ID:		930067365			
Layer:		1			
Material:		1			
Open Hole o	r Material:	STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth From:						
Depth To:		22.0				
Casing Diam		6.0				
Casing Diam		inch				
Casing Dept	h UOM:	ft				
<u>Results of W</u>	ell Yield Testing					
Pump Test IL		991516405				
Pump Set At.	:					
Static Level:		12.0				
	fter Pumping:	30.0				
	ed Pump Depth:	30.0				
Pumping Rat		15.0				
Flowing Rate	ed Pump Rate:	10.0				
Levels UOM:		ft				
Rate UOM:		GPM				
	After Test Code:	1				
Water State	After Test:	CLEAR				
Pumping Tes		1				
Pumping Du		1				
Pumping Du	ration MIN:	0 No				
Flowing:		NO				
<u>Draw Down 8</u>	& Recovery					
Pump Test D	etail ID:	934899354				
Test Type:		Recovery				
Test Duration	1:	60				
Test Level:	014	12.0 ft				
Test Level U		π				
<u>Draw Down 8</u>	& Recovery					
Pump Test D	etail ID:	934101898				
Test Type:		Recovery				
Test Duration	า:	15				
Test Level:	~~~	12.0				
Test Level U	OW:	ft				
<u>Draw Down &amp;</u>	& Recovery					
Pump Test D	etail ID:	934641452				
Test Type:		Recovery				
Test Duration	1:	45				
Test Level: Test Level U	∩ <i>M</i> +	12.0 ft				
Test Level O	OW.	π				
<u>Draw Down 8</u>	<u>Recovery</u>					
Pump Test D	etail ID:	934380361				
Test Type:		Recovery				
Test Duration	1:	30				
Test Level:	014	12.0				
Test Level U		ft				
Water Details	<u>5</u>					
Water ID:		933472704				
Layer:		1				
-00	erisinfo.com   En	vironmental Risk Info	rmation Service	S	Order No: 2202020	0296
69				-		

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Kind Code: Kind: Water Found De Water Found De		1 FRESH 50.0 ft				
<u>16</u> 1	of 1	ESE/242.1	53.9/-7.80	1208 OLD MONTREA Ottawa ON	AL RD lot 28	wwis
Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Statu Water Type: Casing Material Audit No: Tag: Construction Ma Elevation (m): Elevation Reliak Depth to Bedroo Well Depth: Overburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy:	Jse: Test Ho s: Monitor : Z23570 A16550 ethod: bility: ck: drock:	ole ing and Test Hole 7		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/20/2016 TRUE 7579 7 1208 OLD MONTREAL RD OTTAWA CUMBERLAND TOWNSHIP 028 OF	
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/727\7277431.pdf	
Additional Detai Well Completed Year Completed Depth (m): Latitude: Longitude: Path:	Date:	2016/12/14 2016 1.3716 45.4916794979442 -75.4709982581186 727\7277431.pdf	;			
Bore Hole Infori	mation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed Remarks: Elevrc Desc: Location Source Improvement Lo	e Date: ocation Source:	2109 -2016 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	18 463197.00 5037680.00 UTM83 4 margin of error : 30 m - 100 m gis	
	ocation Method: n Comment:					
<u>Overburden and</u> Materials Interva						
Formation ID:		1006506862				

Order No: 22020200296

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color: General Colo		2 GREY			
General Cold Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2:					
Mat2 Desc:		66			
Mat3: Mat3 Desc:		DENSE			
Formation To	op Depth:	0.0			
Formation E	nd Depth:	4.5			
Formation E	nd Depth UOM:	ft			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1006506869			
Layer:		1			
Plug From:		-3.0			
Plug To: Plug Depth U	IOM:	2.0 ft			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u>				
-	<u>50</u>	1006506970			
Plug ID: Layer:		1006506870 2			
Plug From:		2.0			
Plug To:		4.5			
Plug Depth U	JOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	1006506868			
Method Cons	struction Code:	6			
Method Cons Other Metho	struction: d Construction:	Boring			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1006506861			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1006506865			
Layer: Motoriol:		1 5			
Material: Open Hole of	r Material:	5 PLASTIC			
Depth From:		-3.0			
Depth To:		2.0			
Casing Diam Casing Diam		1.25 inch			
Casing Dept		ft			
Construction	n Record - Screen				
Screen ID:		1006506866			

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Layer: Slot: Screen Top D Screen End D Screen Mater Screen Depth	Depth: rial:		1 40 2.0 4.5 5 ft				
Screen Diame	eter UOM:		inch				
Screen Diame	eter:		1.25				
Water Details	i						
Water ID: Layer: Kind Code: Kind:			1006506864				
Water Found Water Found		И:	ft				
Hole Diamete	<u>er</u>						
Hole ID:			1006506863				
Diameter:			6.25				
Depth From:			0.0				
Depth To: Hole Depth U	IOM·		4.5 ft				
Hole Diamete			inch				
<u>17</u>	1 of 1		SE/246.7	62.5/0.77	1024 OLD MONTREA OTTAWA ON	AL RD. 1026 lot 29	wwis
Well ID: Construction	Date:	7170842			Data Entry Status: Data Src:		
Primary Wate		Not Used	1		Date Received:	11/1/2011	
Sec. Water U					Selected Flag:	TRUE	
Final Well Sta	atus:	Abandon	ed-Other		Abandonment Rec: Contractor:	Yes 7260	
Water Type: Casing Mater	rial·				Form Version:	7	
Audit No:	1411	Z128681			Owner:		
Tag:					Street Name:	1024 OLD MONTREAL RD. 1026	
Construction					County:	OTTAWA	
Elevation (m)					Municipality: Site Info:	CUMBERLAND TOWNSHIP	
Elevation Rel Depth to Bed					Lot:	029	
Well Depth:					Concession:		
Overburden/E	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water I					Northing NAD83:		
Flowing (Y/N) Flow Rate:					Zone: UTM Reliability:		
Clear/Cloudy	:				s in Ronabinty.		
PDF URL (Ma	np):		https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/717\7170842.pdf	
Additional De	etail(s) (Maj	<u>a)</u>					
Well Complet	ted Date:		2011/08/26				

Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:

72

2011/08/26 2011 45.4910639019116

-75.4718505720452 717\7170842.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc		3472		Elevation: Elevrc: Zone: East83: North83:	18 463130.00 5037612.00	
Open Hole: Cluster Kind:				Org CS: UTMRC:	UTM83 3	
Date Complete Remarks: Elevrc Desc:	e <b>d:</b> 26-Aug	-2011 00:00:00		UTMRC Desc: Location Method:	margin of error : 10 - 30 m wwr	
	Location Source: Location Method: on Comment:					
Annular Space Sealing Record	e/Abandonment d					
Plug ID:		1003997314				
Layer:		3				
Plug From: Plug To:		40.0 82.0				
Plug Depth UC	DM:	ft				
Annular Space Sealing Record	e/Abandonment d					
Plug ID:		1003997312				
Layer:		1				
Plug From:		0.0				
Plug To:		5.0				
Plug Depth UC	DM:	ft				
Annular Space Sealing Record	e/Abandonment d					
Plug ID:		1003997313				
Layer: Plug From:		2 5.0				
Plug To:		40.0				
Plug Depth UC	DM:	ft				
<u>Method of Con</u> <u>Use</u>	nstruction & Well					
Method Const		1003997311				
Method Consti Method Consti Other Method	ruction:	1 Cable Tool				
Pipe Information	<u>on</u>					
Pipe ID: Casing No: Comment: Alt Name:		1003997304 0				
Construction I	Record - Casing					

Map Key	Number Record		Direction/ Distance (m	Elev/Diff ) (m)	Site	DE
Casing ID: Layer: Material: Open Hole of Depth From: Depth To:			1003997308			
Casing Diam Casing Diam Casing Depti	eter UOM:		inch ft			
Construction	Record - S	<u>Screen</u>				
Screen ID: Layer: Slot: Screen Top I Screen End I			1003997309			
Screen Mate Screen Dept Screen Diam Screen Diam	rial: h UOM: eter UOM:		ft inch			
Water Details	<u>5</u>					
Water ID: Layer: Kind Code: Kind:			1003997307			
Water Found Water Found		М:	ft			
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To:			1003997306			
Hole Depth L Hole Diamete			ft inch			
<u>18</u>	1 of 3		SE/247.8	56.6 / -5.06	4176855 Canada Inc. 1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	ECA
Approval No. Approval Dat Status: Record Type Link Source:	te: :	0379-8UJ 2012-05-2 Approved ECA IDS	25		MOE District: City: Longitude: Latitude: Geometry X:	
SWP Area Na Approval Typ Project Type Business Na Address: Full Address	be: : me:					
Full PDF Lini PDF Site Loc	k:		https://www.acce	ssenvironment.ene.	gov.on.ca/instruments/1207-8UBHD4-14.pdf	
<u>18</u>	2 of 3		SE/247.8	56.6 / -5.06	4176855 Canada Inc. 1024-1026 Old Montreal Rd	ECA

Order No: 22020200296

		Ottawa ON J9J 2X2	
-		MOE District:	
-		•	
d		5	
https://www.acces	senvironment.ene.	gov.on.ca/instruments/0426-8UBHKQ-14.pdf	
SE/247.8	56.6 / -5.06	4176855 Canada Inc. 1024-1026 Old Montreal Rd Ottawa ON J9J 2X2	ECA
KNHT		MOE District:	
-30		City:	
d		Longitude:	
		Latitude:	
		•	
	FRIVATE SEVIAG	JE WORKS	
	Inc		
4176855 Canada			
4176855 Canada 1024-1026 Old Mo	ontreal Rd	gov.on.ca/instruments/6244-8UBHMQ-14.pdf	
	MUNICIPAL AND 4176855 Canada 1024-1026 Old Mo https://www.acces SE/247.8 KNHT -30 d	23 d ECA-MUNICIPAL AND PRIVATE SE MUNICIPAL AND PRIVATE SEWAG 4176855 Canada Inc. 1024-1026 Old Montreal Rd https://www.accessenvironment.ene. <i>SE/247.8 56.6 / -5.06</i> KNHT -30 d	23       City:         d       Longitude:         Latitude:       Geometry X:         Geometry Y:       ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS         MUNICIPAL AND PRIVATE SEWAGE WORKS       4176855 Canada Inc.         1024-1026 Old Montreal Rd       https://www.accessenvironment.ene.gov.on.ca/instruments/0426-8UBHKQ-14.pdf         SE/247.8         56.6 / -5.06       4176855 Canada Inc.         1024-1026 Old Montreal Rd       Ottawa ON J9J 2X2         KNHT       MOE District:         :30       City:         d       Longitude:

# Unplottable Summary

# Total: 24 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	CUMBERLAND TOWNSHIP	OLD MONTREAL RD./BECKETT'S CK.	CUMBERLAND TWP. ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 29	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 28	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 29	ON	
WWIS		lot 28	ON	
WWIS		lot 29 con 1	ON	
WWIS		lot 28	ON	
WWIS		lot 29 con 1	ON	

WWIS	lot 28	ON
WWIS	lot 28	ON
WWIS	lot 29 con 1	ON
WWIS	lot 28	ON
WWIS	lot 28	ON

# **Unplottable Report**

#### <u>Site:</u> CUMBERLAND TOWNSHIP OLD MONTREAL RD./BECKETT'S CK. CUMBERLAND TWP. ON



Database:

**WWIS** 

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0306-95-95 4/20/1995 Municipal sewage Approved

### Site:

Well ID:	1523901	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/12/1989
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1517
Casing Material:		Form Version:	1
Audit No:	44263	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHI
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10045673	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc:	06-Sep-1989 00:00:00	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na

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

### erisinfo.com | Environmental Risk Information Services

### Overburden and Bedrock Materials Interval

Formation ID:	931056142
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft
Overburden and Bedrock Materials Interval	
	024056420
Formation ID:	931056139
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	0.0
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft
Overburden and Bedrock Materials Interval	
Materials Interval	021056140
Materials Interval Formation ID:	931056140
<u>Materials Interval</u> Formation ID: Layer:	2
<u>Materials Interval</u> Formation ID: Layer: Color:	2 2
Materials Interval Formation ID: Layer: Color: General Color:	2 2 GREY
Materials Interval Formation ID: Layer: Color: General Color: Mat1:	2 2 GREY 05
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	2 2 GREY
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	2 2 GREY 05
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	2 2 GREY 05
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	2 2 GREY 05
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	2 2 GREY 05 CLAY
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	2 2 GREY 05 CLAY 12.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:	2 2 GREY 05 CLAY
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	2 2 GREY 05 CLAY 12.0 27.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Overburden and Bedrock	2 2 GREY 05 CLAY 12.0 27.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End DepthFormation End Depth UOM:	2 2 GREY 05 CLAY 12.0 27.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Overburden and BedrockMaterials Interval	2 2 GREY 05 CLAY 12.0 27.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Overburden and BedrockMaterials IntervalFormation ID:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Overburden and Bedrock Materials IntervalFormation ID:Layer:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Overburden and BedrockMaterials IntervalFormation ID:Layer:Color:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Overburden and BedrockMaterials IntervalFormation ID:Layer:Color:General Color:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Overburden and BedrockMaterials IntervalFormation ID:Layer:Color:General Color:Mat1:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Overburden and BedrockMaterials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Overburden and Bedrock Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2: </th <th>2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28 SAND</th>	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28 SAND
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Materials Interval	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28 SAND 12
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End DepthFormation End Depth UOM:Overburden and Bedrock Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28 SAND 12 STONES
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Materials Interval	2 2 GREY 05 CLAY 12.0 27.0 ft 931056141 3 2 GREY 11 GRAVEL 28 SAND 12

Formation End Depth: Formation End Depth UOM:	35.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933110471 1 2.0 35.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961523901 4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10594243 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930079942 1 1 STEEL 35.0 6.0 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	991523901 30.0 35.0 45.0 25.0 ft GPM 1 1 0 No
Draw Down & Recovery	
Pump Test Detail ID: Test Type: Test Duration:	934909069

Pump Test Detail ID:	934909069
Test Type:	
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934106662
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934390891
Test Type:	
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

### Draw Down & Recovery

lot 28 ON

Pump Test Detail ID:	934651865
Test Type:	
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

#### Water Details

Water ID:	933482338
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

Site:

Database: WWIS

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Cloar(Cloudyr)	1523827 Public Water Supply 37633	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/11/1989 TRUE 2351 1 OTTAWA CUMBERLAND TOWNSHIP 028
Clear/Cloudy: <u>Bore Hole Information</u> Bore Hole ID:	10045600	Elevation:	

Bore Hole ID:10045600Elevation:DP2BR:Elevrc:Spatial Status:Zone:Code OB:East83:Code OB Desc:North83:

Open Hole: Cluster Kind: Date Completed: 28-Aug-1989 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931055871 1 6 BROWN 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 28.0 ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931055873 3 2 GREY 14 HARDPAN
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	57.0 69.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931055872 2 3 BLUE 05 CLAY
Formation Top Depth:	28.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:

931055874

### 82

Org CS: UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na

Order No: 22020200296

Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	4 2 GREY 15 LIMESTONE 69.0 93.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933110430 1 6.0 25.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961523827 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10594170 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930079817 1 STEEL 69.0 6.0 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test:	991523827 54.0 71.0 88.0 29.0 10.0 ft GPM 2 CLOUDY
Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:	2 1 35

#### Flowing:

#### Draw Down & Recovery

Pump Test Detail ID:	934106599
Test Type:	Draw Down
Test Duration:	15
Test Level:	64.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934651803
Test Type:	Draw Down
Test Duration:	45
Test Level:	71.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934909009
Test Type:	Draw Down
Test Duration:	60
Test Level:	71.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934390829
Test Type:	Draw Down
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

#### Water Details

Water ID:	933482239
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

# Site:

Well ID:

lot 28 ON

**Construction Date:** 

Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:

1523456 Domestic Water Supply 37602

#### Data Entry Status: Data Src: 1 Date Received: 6/20/1989 TRUE Selected Flag: Abandonment Rec: Contractor: 2351 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: CUMBERLAND TOWNSHIP Site Info: 028 Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

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# Database:

**WWIS** 

### Clear/Cloudy:

### Bore Hole Information

Bore Hole Information			
Bore Hole ID: 100453 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 31-May Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	y-1989 00:00:00	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
<u>Overburden and Bedrock</u> Materials Interval			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931054677 3 8 BLACK 14 HARDPAN 37.0 52.0 ft		
Overburden and Bedrock Materials Interval			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931054675 1 6 BROWN 28 SAND 0.0 6.0 ft		
<u>Overburden and Bedrock</u> <u>Materials Interval</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931054676 2 3 BLUE 05 CLAY		

Most Common Material: Mat2: Mat2 Desc: Mat3:

Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931054678 4 8 BLACK 11 GRAVEL
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	52.0 54.0 ft

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

Plug ID: Laver:	933110312 1
Plug From:	6.0
Plug To:	20.0
Plug Depth UOM:	ft

### Method of Construction & Well Use

Method Construction ID:	961523456
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

### Pipe Information

Pipe ID:	10593801
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID:	930079150
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
Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM:	54.0 6.0 inch

### Results of Well Yield Testing

Pump Test ID:	991523456
Pump Set At:	
Static Level:	18.0
Final Level After Pumping:	43.0
Recommended Pump Depth:	48.0

Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	50
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934104982
Test Type:	Draw Down
Test Duration:	15
Test Level:	29.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934907396
Test Type:	Draw Down
Test Duration:	60
Test Level:	43.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934650192
Test Type:	Draw Down
Test Duration:	45
Test Level:	43.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934389211
Test Type:	Draw Down
Test Duration:	30
Test Level:	38.0
Test Level UOM:	ft

### Water Details

Water ID:	933481722
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.0
Water Found Depth UOM:	ft

### <u>Site:</u>

lot 28 ON

Well ID:	1522253	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	4/8/1988
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2351
Casing Material:		Form Version:	1
Audit No:	12607	Owner:	
Tag:		Street Name:	

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Database: WWIS Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### Bore Hole Information

Bore Hole ID: 10044066 DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: 01-Feb-1988 00:00:00 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931050712 2 3 BLUE 05 CLAY
Formation Top Depth:	17.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931050713 3 8 BLACK 11 GRAVEL 31 COARSE GRAVEL
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	23.0 32.0 ft

#### Overburden and Bedrock Materials Interval

County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: OTTAWA CUMBERLAND TOWNSHIP

Elevation: Elevrc: Zone:	18
East83: North83: Org CS:	
UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	931050711 1 7 RED 05 CLAY 0.0 17.0
Formation End Depth UOM: <u>Method of Construction &amp; Well</u> <u>Use</u>	ft
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961522253 1 Cable Tool
Pipe Information Pipe ID: Casing No: Comment: Alt Name:	10592636 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930077071 1 STEEL 32.0 6.0 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	991522253 9.0 24.0 25.0 23.0 10.0 ft GPM 2 CLOUDY 2 1 0 No

### Draw Down & Recovery

tion: 15	Test Duration:
: Draw Down	Test Type:
t Detail ID: 934109361	Pump Test Detail ID:
t Detail ID: 934109361	Pump Test Detail ID:

Test Level:	18.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934903428
Test Type:	Draw Down
Test Duration:	60
Test Level:	24.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934385764
Test Type:	Draw Down
Test Duration:	30
Test Level:	24.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934654595
Test Type:	Draw Down
Test Duration:	45
Test Level:	24.0
Test Level UOM:	ft

#### Water Details

Water ID:	933480070
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32.0
Water Found Depth UOM:	ft

Site:

**WWIS** lot 28 ON Well ID: 1521841 Data Entry Status: Construction Date: Data Src: 1 Primary Water Use: Domestic Date Received: 10/22/1987 Selected Flag: Sec. Water Use: TRUE Final Well Status: Water Supply Abandonment Rec: Water Type: Contractor: 2351 Casing Material: Form Version: 1 12546 Owner: Audit No: Street Name: Tag: Construction Method: County: OTTAWA CUMBERLAND TOWNSHIP Municipality: Elevation (m): Elevation Reliability: Site Info: 028 Depth to Bedrock: Lot: Well Depth: Concession: Overburden/Bedrock: Concession Name: Pump Rate: Easting NAD83: Static Water Level: Northing NAD83: Flowing (Y/N): Zone: UTM Reliability: Flow Rate: Clear/Cloudy:

### Bore Hole Information

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Database:

Code OB: Code OB Desc: **Open Hole:** . Cluster Kind: 24-Sep-1987 00:00:00 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931049339 3 8 BLACK 11 GRAVEL 31 COARSE GRAVEL
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	36.0 37.0 ft

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

Formation ID:	931049338
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3: Mat3 Desc: Formation Top Depth:	23.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931049337 1 7 RED 05 CLAY
Formation Top Depth:	0.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

East83: North83: Org CS: UTMRC: 9 UTMRC Desc: Location Method: na

unknown UTM

Method Construction ID:	961521841
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

### Pipe Information

Pipe ID:	10592224
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material:	930076274 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	37.0
Casing Diameter:	6.0
Casing Diameter UOM: Casing Depth UOM:	inch ft
ousing Depth COM.	

### Results of Well Yield Testing

Pump Test ID:	991521841
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	17.0
Recommended Pump Depth:	32.0
Pumping Rate:	45.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	10
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934910609
Test Type:	Draw Down
Test Duration:	60
Test Level:	17.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934108135
Test Type:	Draw Down
Test Duration:	15
Test Level:	16.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934391259
Test Type:	Draw Down
Test Duration:	30

Test Level:	17.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934653378
Test Type:	Draw Down
Test Duration:	45
Test Level:	17.0
Test Level UOM:	ft

### Water Details

Water ID:	933479548
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37.0
Water Found Depth UOM:	ft

### <u>Site:</u>

### lot 29 con 1 ON

### Database: WWIS

Well ID:	1521576	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/13/1987
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:	NA	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OS
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:		e nii Kenabinty.	
Clear/Cloudy.			

## Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10043398	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	28-Jul-1987 00:00:00	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Elevrc Desc: Location Source Date Improvement Location Improvement Location	n Source:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

#### Formation ID:

Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	1 02 TOPSOIL
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 1.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931048531 2 2 GREY 05 CLAY
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	1.0 60.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931048532 3 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	60.0 95.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961521576 5 Air Percussion
<u>Pipe Information</u> Pipe ID:	10591968
Casing No: Comment: Alt Name:	1
Construction Record - Casing	

Casing ID: Layer:	930075807 2	
94	erisinfo.com   Environmental Risk Information Services	Order No: 22020200296

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From: Depth To: Casing Diameter:	95.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930075806
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From: Depth To:	62.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pump Test ID: Pump Set At:	991521576
Static Level:	60.0
Final Level After Pumping:	95.0
Recommended Pump Depth:	80.0
Pumping Rate:	15.0
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

### Draw Down & Recovery

Pump Test Detail ID:	934107051
Test Type:	Recovery
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934652294
Test Type:	Recovery
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934390733
Test Type:	Recovery
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934909944
Test Type:	Recovery
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

### Water Details

Water ID:	933479199
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95.0
Water Found Depth UOM:	ft

# Site:

lot 29 ON

101 29 ON			
Well ID:	1520503	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	6/18/1986
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2351
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
<b>Construction Method:</b>		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10042345	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931044951
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	

Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock	0.0 4.0 ft
<u>Materials Interval</u>	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931044952 2 3 BLUE 17 SHALE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	4.0 245.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931044953 3 8 BLACK 17 SHALE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	245.0 260.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933109111 1 0.0 44.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961520503 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10590915 1

#### Construction Record - Casing

Casing ID: Layer: Material:	930073890 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991520503
Pump Set At:	05.0
Static Level:	65.0
Final Level After Pumping:	185.0
Recommended Pump Depth:	240.0
Pumping Rate:	15.0
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:	934648998
Test Type:	Draw Down
Test Duration:	45
Test Level:	185.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906078
Test Type:	Draw Down
Test Duration:	60
Test Level:	185.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934111990
Test Type:	Draw Down
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387273
Test Type:	Draw Down
Test Duration:	30
Test Level:	115.0
Test Level UOM:	ft

#### Water Details

933477761 1 FRESH 255.0 ft

Site:

#### lot 29 con 1 ON

Well ID:	1519982	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/23/1985
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
<b>Construction Method:</b>		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:		•	

#### Bore Hole Information

Bore Hole ID:	10041832	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	27-Jun-1985 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date	e:		
Improvement Locatio	on Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931043353 1 2 GREY 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 2.0 ft

#### **Overburden and Bedrock**

#### Database: WWIS

#### Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931043354 2 7 RED 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	2.0 118.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931043355 3 2 GREY 15 LIMESTONE 71 FRACTURED
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	118.0 131.0 ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931043356 4 2 GREY 15 LIMESTONE
Formation Top Depth:	131.0
Formation End Depth:	145.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961519982
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

#### Pipe Information

Pipe ID:	10590402
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930073033
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	133.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material:	930073034 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	145.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991519982
Pump Set At: Static Level:	46.0
Final Level After Pumping:	140.0
Recommended Pump Depth:	110.0
Pumping Rate:	100.0
Flowing Rate:	
Recommended Pump Rate:	100.0
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:	934904367
Test Type:	
Test Duration:	60
Test Level:	46.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934654419
Test Type:	
Test Duration:	45
Test Level:	46.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934110264
Test Type:	
Test Duration:	15
Test Level:	46.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934376229
Test Type:	
Test Duration:	30
Test Level:	46.0
Test Level UOM:	ft

#### Water Details

Water ID:	933477104
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145.0
Water Found Depth UOM:	ft

1519782

Domestic

#### Site:

Tag:

Well ID:

**Construction Date:** 

Primary Water Use:

lot 29 con 1 ON

	WWIS
1	
7/25/1985	
TRUE	

CUMBERLAND TOWNSHIP

1504

029

CON

01

OTTAWA

1

Data Entry Status:

Abandonment Rec:

Date Received:

Selected Flag:

Form Version:

Street Name: County:

Municipality:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

UTM Reliability:

Site Info:

Lot:

Zone:

Contractor:

Owner:

Data Src:

Database:

Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Construction Method: Elevation (m): Elevation Reliability:

Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### **Bore Hole Information**

Bore Hole ID: DP2BR: Spatial Status: Code OB:	10041635	Elevation: Elevrc: Zone: East83:	18
Code OB. Code OB Desc: Open Hole: Cluster Kind:		North83: Org CS: UTMRC:	9
Date Completed: Remarks: Elevrc Desc:	30-May-1985 00:00:00	UTMRC Desc: Location Method:	unknown UTM na

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

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

Formation ID:	931042714
Layer:	5
Color:	2
General Color:	GREY

Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock	15 LIMESTONE 61.0 77.0 ft
Materials Interval	
Formation ID: Layer: Color: General Color:	931042713 4 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	15 LIMESTONE 71 FRACTURED
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	60.0 61.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931042710 1 6 BROWN 02 TOPSOIL
Mat2. Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 1.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931042711 2 6 BROWN 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1.0 8.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer:	931042712 3

Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	6 BROWN 05 CLAY 8.0 60.0 ft
<u>Method of Construction &amp; Well</u> <u>Use</u>	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961519782 4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10590205 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930072704 2 4 OPEN HOLE 77.0 6.0 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930072703 1 1 STEEL 64.0 6.0 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate:	991519782 31.0 45.0 60.0 30.0
Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method:	20.0 ft GPM 1 CLEAR 1

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

#### Draw Down & Recovery

Pump Test Detail ID:	934384397
Test Type:	Recovery
Test Duration:	30
Test Level:	31.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934109668
Test Type:	Recovery
Test Duration:	15
Test Level:	31.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934654938
Test Type:	Recovery
Test Duration:	45
Test Level:	31.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934894722
Test Type:	Recovery
Test Duration:	60
Test Level:	31.0
Test Level UOM:	ft

#### Water Details

Water ID:	933476855
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

#### Site:

lot 29 con 1 ON

#### Database: WWIS

Well ID:	1533128	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/25/2002
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1517
Casing Material:		Form Version:	1
Audit No:	237083	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	

Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### Bore Hole Information

Bore Hole ID:	10529875	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	28-Jul-2002 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Dat	e:		
Improvement Location	on Source:		

Zone:

UTM Reliability:

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

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932880217 2 6 BROWN 15 LIMESTONE
Mat3 Desc: Formation Top Depth:	12.0
Formation End Depth:	70.0 ft
Formation End Depth UOM:	11

#### Overburden and Bedrock Materials Interval

<u>materiale interval</u>	
Formation ID: Layer: Color:	932880216 1 6
General Color: Mat1:	BROWN 05
Most Common Material: Mat2: Mat2 Deces	CLAY 73
Mat2 Desc: Mat3: Mat3 Desc:	HARD
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 12.0 ft

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

Plug ID: Layer:	933230199 1
Plug From:	0.0
Plug To:	22.0
Plug Depth UOM:	ft

#### Method of Construction & Well

#### <u>Use</u>

Method Construction ID:	961533128
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	11078445
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID: Layer:	930096293 1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991533128
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	30.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934119090
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934393940
Test Type:	Draw Down
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934663224
Test Type:	Draw Down

Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934911209
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

#### Water Details

Water ID:	934022506
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

#### Site:

Database: WWIS

lot 28 ON			
Well ID:	1531002	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/21/2000
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1517
Casing Material:		Form Version:	1
Audit No:	191606	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10052536	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location		UTMRC Desc: Location Method:	unknown UTM na

### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID:	931077220 6
Layer: Color:	2
General Color:	GREY 15
Mat1: Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3: Mat3 Desc:	
Formation Top Depth:	106.0
Formation End Depth: Formation End Depth UOM:	108.0 ft

### Overburden and Bedrock Materials Interval

materials interval	
Formation ID.	

Formation ID:	931077217
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	18.0 38.0 ft

#### Overburden and Bedrock Materials Interval

	001077015
Formation ID:	931077215
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

	004077040
Formation ID:	931077218
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

#### Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931077216 2 4 GREEN 28 SAND
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	4.0 18.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931077219
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	08
Mat2 Desc:	FINE SAND
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	100.0 106.0 ft

#### Annular Space/Abandonment Sealing Record

Plug ID:	933116179
Layer:	1
Plug From:	3.0
Plug To:	22.0
Plug To:	22.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961531002
Method Construction Code:	1
Method Construction: Other Method Construction:	Cable Tool

#### Pipe Information

Pipe ID:	10601106
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930091783	
Layer:	1	
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

#### Results of Well Yield Testing

Pump Test ID:	991531002
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	60.0
Pumping Rate:	30.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934395435
Test Type:	Draw Down
Test Duration:	30
Test Level:	26.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934120579
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934664717
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934903896
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

#### Water Details

Water ID:	933491324
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	106.0
Water Found Depth UOM:	ft

#### <u>Site:</u>

111

Database:

1529160

Domestic

116778

Commerical

Water Supply

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### **Bore Hole Information**

Bore Hole ID: 10050696 DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole: Cluster Kind:** Date Completed: 15-Oct-1996 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931071981 2 GREY 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	40.0 88.0 ft

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

Formation ID:	931071982
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND

Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

1 10/28/1996 TRUE 1517

OTTAWA CUMBERLAND TOWNSHIP

029 01 CON

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Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	88.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

### Overburden and Bedrock

Materials Interval

Formation ID:	931071983
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	17
Mat3 Desc:	SHALE
Formation Top Depth:	90.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931071980 1 6 BROWN 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 40.0 ft

#### Annular Space/Abandonment Sealing Record

Plug ID:	933114141
Layer:	1
Plug From:	3.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961529160
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	
Casing No:	
Comment:	
Alt Name:	

10599266

#### Construction Record - Casing

Casing ID:	930088565
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	90.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991529160
Pump Set At: Static Level:	40.0
Final Level After Pumping:	40.0 50.0
Recommended Pump Depth:	80.0
Pumping Rate:	20.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934115036
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934908121
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934659728
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934390000
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

#### Water Details

Water ID: Layer: 1 Kind Code: 1 Kind: Water Found Depth: Water Found Depth UOM: ft

933489096 FRESH 98.0

#### <u>Site:</u>

Well ID:

Sec. Water Use:

Water Type:

#### lot 29 con 1 ON

1528953 **Construction Date:** Primary Water Use: Domestic Final Well Status:

Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

# Water Supply 154676

Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Data Entry Status:

Data Src:

5/17/1996

6006 1

TRUE

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OTTAWA CUMBERLAND TOWNSHIP

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#### Bore Hole Information

Bore Hole ID: DP2BR:	10050489	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	23-Mar-1996 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc: Location Source Date:			

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

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

Formation ID:	931071287
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

#### Database: WWIS

#### Overburden and Bedrock Materials Interval

Formation ID:	931071286
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	25.0
Formation End Depth:	55.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft
· · · · · · · · · · · · · · · · · · ·	

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:_	931071289 5 2 GREY 15 LIMESTONE 73 HARD
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	68.0 70.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931071285 1 7 RED 05 CLAY 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 25.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931071288
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

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

Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933113951 1 0.0 20.0 ft
Method of Construction & Well Use	
Method Construction ID:	961528953

301320333
1
Cable Tool

#### Pipe Information

Pipe ID:	10599059
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930088226
Layer: Material:	2
	4
Open Hole or Material:	OPEN HOLE
Depth From:	70.0
Depth To:	70.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material	930088225 1
Material: Open Hole or Material:	1 STEEL
Depth From: Depth To:	68.0
Casing Diameter:	7.0
Casing Diameter UOM: Casing Depth UOM:	inch ft

#### Results of Well Yield Testing

Pump Test ID:	991528953
Pump Set At:	
Static Level:	55.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	66.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	3

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Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934907132
Test Type:	
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934658607
Test Type:	
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934105806
Test Type:	
Test Duration:	15
Test Level:	55.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934389432
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

#### Water Details

Water ID:	933488849
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

#### <u>Site:</u>

lot 29 ON

#### Database: WWIS

Well ID: Construction Date:	1528847	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/29/1996
Sec. Water Use: Final Well Status:	Water Supply	Selected Flag: Abandonment Rec:	TRUE
Water Type:	Water Supply	Contractor:	1414
Casing Material:		Form Version:	1
Audit No:	163378	Owner:	
Tag: Construction Method:		Street Name: County:	ΟΤΤΑΨΑ
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:	Concession:		
Overburden/Bedrock: Pump Rate:			
Static Water Level:		Easting NAD83: Northing NAD83:	
Flowing (Y/N):		Zone:	

Flow Rate: Clear/Cloudy:

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10050383	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	14-Dec-1995 00:00:00	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Elevrc Desc: Location Source Date Improvement Locatio Improvement Locatio	on Source:		

### Overburden and Bedrock

Source Revision Comment: Supplier Comment:

Materials Interval

Formation ID:	931070993
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat2 Desc: Mat3: Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color:	931070995 3 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	11 GRAVEL 79 PACKED
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	235.0 252.0 ft

## Overburden and Bedrock Materials Interval

Formation ID:	931070994
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Mat2 Desc:	DENSE

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### UTM Reliability:

Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	235.0
Formation End Depth UOM:	ft

## Annular Space/Abandonment Sealing Record

Plug ID: Layer:	933113805 1 5.0
Plug From: Plug To: Plug Depth UOM:	40.0 ft

#### Method of Construction & Well Use

Method Construction ID:	961528847
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10598953
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930088060
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	250.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991528847
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	55.0
Pumping Rate:	15.0
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

#### Draw Down & Recovery

Pump	Test Detail ID:
Test T	ype:

120

Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump_Test Detail ID:	934388943
Test Type:	
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934105737
Test Type:	
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

#### Draw Down & Recovery

934907062
60
35.0
ft

#### Water Details

Water ID:	933488714	
Layer:	1	
Kind Code:	1	
Kind:	FRESH	
Water Found Depth:	250.0	
Water Found Depth UOM:	ft	

#### <u>Site:</u>

lot 28 ON

Well ID: Construction Date:	1528721	Data Entry Status: Data Src:	1
Primary Water Use:	Commerical	Date Received:	9/19/1995
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1517
Casing Material:		Form Version:	1
Audit No:	139536	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

#### Bore Hole Information

			Onder New 000000000
Bore Hole ID DP2BR:	<b>):</b> 10050257	Elevation: Elevrc:	

Database: WWIS Spatial Status: Code OB: Code OB Desc: **Open Hole: Cluster Kind:** 30-Jan-1995 00:00:00 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

### Overburden and Bedrock

materiais	intervai

Formation ID:	931070584
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat2:	931070583 2 GREY 05 CLAY 14 HARDPAN
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	4.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931070585
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

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

Order No: 22020200296

#### Materials Interval

Formation ID:	931070582
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 4.0 ft

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

Plug ID:	933113662
Laver:	1
Plug From:	0.0
Plug To:	22.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961528721
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10598827
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930087834
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

Pump Test ID:	991528721
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	40.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY

Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934388842
Test Type:	Draw Down
Test Duration:	30
Test Level:	15.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934105216
Test Type:	Draw Down
Test Duration:	15
Test Level:	15.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934649359
Test Type:	Draw Down
Test Duration:	45
Test Level:	15.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906541
Test Type:	Draw Down
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

#### Water Details

Water ID:	933488537
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40.0
Water Found Depth UOM:	ft

lot 29 con 1 ON

#### Site:

Database: WWIS

Well ID:	1528002	Data Entry Status:	
Construction Date:	1320002	Data Entry Status. Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/28/1994
Sec. Water Use:		Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:	142834	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	

Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### Bore Hole Information

#### Bore Hole ID: 10049544 Elevation: DP2BR: Elevrc: Spatial Status: Zone: 18 Code OB: East83: Code OB Desc: North83: **Open Hole:** Org CS: Cluster Kind: UTMRC: 9 Date Completed: 28-Jun-1994 00:00:00 UTMRC Desc: unknown UTM Remarks: Location Method: na Elevrc Desc: Location Source Date:

Northing NAD83:

UTM Reliability:

Zone:

#### Overburden and Bedrock Materials Interval

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931068243 1 5 YELLOW 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 21.0 ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931068246 4 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	69.0 83.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931068244
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

### Overburden and Bedrock

Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931068245 3 6 BROWN 19 SLATE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	68.0 69.0 ft

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

Plug ID:	933112856
Layer:	1
Plug From:	4.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961528002
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	• • •

#### Pipe Information

Pipe ID:	10598114
Casing No:	1
Comment: Alt Name:	

#### Construction Record - Casing

Casing ID: Layer: Material:	930086574 2 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: Layer:	930086573 1	
126	erisinfo.com   Environmental Risk Information Services	Order No: 22020200296

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991528002
Pump Set At: Static Level:	36.0
Final Level After Pumping:	82.0
Recommended Pump Depth:	70.0
Pumping Rate:	100.0
Flowing Rate:	
Recommended Pump Rate:	100.0
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:	934656428
Test Type:	Recovery
Test Duration:	45
Test Level:	36.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934111870
Test Type:	Recovery
Test Duration:	15
Test Level:	36.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934386679
Test Type:	Recovery
Test Duration:	30
Test Level:	36.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934904799
Test Type:	Recovery
Test Duration:	60
Test Level:	36.0
Test Level UOM:	ft

#### Water Details

Water ID:	933487570
Layer:	2
Kind Code:	1
Kind:	FRESH

Water Found Depth:	
Water Found Depth UOM:	

#### Water Details

Water ID:	933487569
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

80.0 ft

Site:

Well ID:

lot 28 ON

**Construction Date:** 

Primary Water Use:

Sec. Water Use:

Water Type:

Audit No:

Final Well Status:

Data Entry Status: Data Src: Domestic Date Receiv Selected Fla Water Supply Abandonme

Easting NAD83: Northing NAD83:

UTM Reliability:

Zone:

Casing Material: 095195

1526147

Tag: **Construction Method:** Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: . Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

#### **Bore Hole Information**

#### Bore Hole ID: 10047880

DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole: Cluster Kind:** Date Completed: 31-Mar-1992 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	931063366
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

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Data Src:	1
Date Received:	5/28/1992
Selected Flag:	TRUE
Abandonment Rec:	
Contractor:	2351
Form Version:	1
Owner:	
Street Name:	
County:	OTTAWA
Municipality:	CUMBERLAND TOWNSHIP
Site Info:	
Lot:	028
Concession:	
Concession Name:	

Database:

**WWIS** 

Elevation: Elevrc: Zone: 18 East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: na

Order No: 22020200296

Formation Top Depth:	6.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

	00400007
Formation ID:	931063367
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931063365 1 6 BROWN 28 SAND
Mats. Mats Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 6.0 ft

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

Plug ID:	933111547
Layer:	1
Plug From:	4.0
Plug To:	25.0
Plug Depth UOM:	ft

# Method of Construction & Well Use

Method Construction ID:	961526147
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10596450
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930083817	
129	erisinfo.com   Environmental Risk Information Services	Order No: 22020200296

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991526147
Pump Set At: Static Level:	24.0
Final Level After Pumping:	56.0
Recommended Pump Depth:	63.0
Pumping Rate:	11.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	20
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934908093
Test Type:	
Test Duration:	60
Test Level:	56.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934650895
Test Type:	
Test Duration:	45
Test Level:	56.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934106739
Test Type:	
Test Duration:	15
Test Level:	43.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934390373
Test Duration: Test Level:	30 52.0
Test Level UOM:	ft

#### Water Details

Water ID:	933485366
Layer:	1
Kind Code:	1

FRESH 68.0 ft

<u>Site:</u> lot 29 con 1	ON			Database: WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1526101 Domestic Water Supply 110376	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 2/10/1992 TRUE 6006 1 OTTAWA CUMBERLAND TOWNSHIP 029 01 CON	
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comr Supplier Comment:	Source: Method:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na	

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931063215 4 2 GREY 11 GRAVEL 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	119.0 122.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:

Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color:	931063213 2 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	05 CLAY 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	22.0 40.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:_	931063214 3 3 BLUE 05 CLAY 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	40.0 119.0 ft

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

Plug ID: Layer:	933111536 1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961526101
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10596404
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930083724
Layer:	1
Material:	1
Open Hole or Material: Depth From: Depth To:	STEEL 122.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991526101
Pump Set At:	
Static Level:	65.0
Final Level After Pumping:	75.0
Recommended Pump Depth:	110.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934650851
Test Type:	
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934389908
Test Type:	
Test Duration:	30
Test Level:	75.0
Test Level UOM:	ft

#### Draw Down & Recovery

934106277
15
75.0
ft

#### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934908049	
Test Duration:	60	

Test Level:	75.0
Test Level UOM:	ft

#### Water Details

Water ID:	933485311
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	122.0
Water Found Depth UOM:	ft

Site:

lot 28 ON

1525587 Well ID: Data Entry Status: Construction Date: Data Src: 1 9/12/1991 Primary Water Use: Domestic Date Received: Sec. Water Use: TRUE Selected Flag: Final Well Status: Water Supply Abandonment Rec: 1517 Water Type: Contractor: Casing Material: Form Version: 1 Audit No: 69591 Owner: Street Name: Tag: OTTAWA Construction Method: County: Municipality: CUMBERLAND TOWNSHIP Elevation (m): Elevation Reliability: Site Info: Depth to Bedrock: Lot: 028 Well Depth: Concession: . Overburden/Bedrock: Concession Name: Pump Rate: Easting NAD83: Static Water Level: Northing NAD83: Flowing (Y/N): Zone: UTM Reliability: Flow Rate: Clear/Cloudy: **Bore Hole Information** 

Bore Hole ID:	10047322	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	22-Aug-1991 00:00:00	UTMRC Desc:	unknown UTM
Remarks:	-	Location Method:	na
Elevrc Desc:			

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

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

Formation ID:	931061701
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

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Database: **WWIS** 

Formation Top Depth:	17.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931061702
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	230.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

Materials Interval

Formation ID: Layer:	931061700 1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

#### Annular Space/Abandonment Sealing Record

Plug ID: Layer: Plug From:	933111310 1 3.0
Plug To:	44.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961525587
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10595892
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930082844	
135	erisinfo.com   Environmental Risk Information Services	Order No: 22020200296

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

#### Results of Well Yield Testing

Pump Test ID:	991525587
Pump Set At:	05.0
Static Level:	25.0
Final Level After Pumping:	125.0
Recommended Pump Depth:	150.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID: 934649161 Test Type: 934649161	
Test Duration: 45	
<b>Test Level:</b> 100.0	
Test Level UOM: ft	

#### Draw Down & Recovery

Pump Test Detail ID:	934906341
Test Type:	
Test Duration:	60
Test Level:	125.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934388204
Test Type: Test Duration:	30
Test Level:	75.0
Test Level UOM:	ft
Test Level:	75.0

#### Draw Down & Recovery

Pump Test Detail ID:	934104546
Test Type:	
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

#### Water Details

Water ID:	933484624
Layer:	1
Kind Code:	1

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FRESH 225.0 ft

0'				5.4
<u>Site:</u> lot 28 ON				Database: WWIS
Well ID:	1525461	Data Entry Status:		
Construction Date:	1525401	Data Entry Status. Data Src:	1	
	Domestic	Data Src. Date Received:	6/12/1991	
Primary Water Use:	Domestic			
Sec. Water Use:	Watan Cumple	Selected Flag:	TRUE	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	6006	
Casing Material:		Form Version:	1	
Audit No:	89569	Owner:		
Tag:		Street Name:		
Construction Method:		County:	OTTAWA	
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP	
Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:	028	
Well Depth:		Concession:		
Overburden/Bedrock:		Concession Name:		
Pump Rate:		Easting NAD83:		
Static Water Level:		Northing NAD83:		
Flowing (Y/N):		Zone:		
Flow Rate:		UTM Reliability:		
Clear/Cloudy:				
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment:	Nethod:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na	
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>;k</u>			
Formation ID:	931061221			
Layer:	3			
Color:	8			
General Color:	BLACK			
Mat1:	17			
Most Common Material:	-			
Mat2:	80			
Mat2 Desc:	POROUS			
Mat3:	85			
Mat2 Decer	SOFT			

Formation ID:

Mat3 Desc:

Formation Top Depth:

Formation End Depth: Formation End Depth UOM:

Overburden and Bedrock Materials Interval

931061220

SOFT

42.0

46.0 ft

Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

931061219
1
2
GREY
05
CLAY
28
SAND
85
SOFT
0.0
40.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931061222 4 8 BLACK 17 SHALE 73 HARD
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	46.0 48.0 ft

#### Annular Space/Abandonment Sealing Record

Plug ID: Layer:	933111216 1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961525461
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

#### Construction Record - Casing

Casing ID:	930082639
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID:	930082638
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991525461
Pump Set At:	
Static Level:	7.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	42.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934648645
Test Type:	
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387688
Test Type:	
Test Duration:	30
Test Level:	40.0
Test Level UOM:	ft

#### Draw Down & Recovery

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Pump Test Detail ID:	934112284
Test Type:	
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934905825
Test Type:	
Test Duration:	60
Test Level:	40.0
Test Level UOM:	ft

#### Water Details

Water ID:	933484460
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

#### Site:

lot 29 con 1 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use:	1524440 Domestic	Data Entry Status: Data Src: Date Received: Selected Flag:	1 4/3/1990 TRUE
Final Well Status: Water Type: Casing Material:	Water Supply	Abandonment Rec: Contractor: Form Version:	6006 1
Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability:	53749	Owner: Street Name: County: Municipality: Site Info:	OTTAWA CUMBERLAND TOWNSHIP
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	029 01 CON

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10046190 20-Feb-1990 00:00:00	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 9 unknown UTM
Remarks: Elevrc Desc:		Location Method:	na

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

Supplier Comment:

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Location Source Date:

Database: WWIS

#### Overburden and Bedrock Materials Interval

Formation ID:	931057927
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	20.0
Formation Top Depth:	20.0
Formation End Depth:	106.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931057925
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Mat3 Desc:	931057926 2 7 RED 05 CLAY 28 SAND 85 SOFT
Mat3:	85
Formation Top Depth:	3.0
Formation End Depth: Formation End Depth UOM:	20.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer:	931057928 4
Color:	4
General Color:	GREEN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	106.0
Formation End Depth:	109.0
Formation End Depth UOM:	ft

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

Plug ID:	933110736
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961524440
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10594760
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID: Layer: Material:	930080882 1 1
Open Hole or Material:	STEEL
Depth From: Depth To:	109.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991524440
Pump Set At: Static Level:	45.0
Final Level After Pumping:	45.0 95.0
Recommended Pump Depth:	95.0
Pumping Rate:	9.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934653599
Test Duration: Test Level:	45 95.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934108823
Test Type:	
Test Duration:	15
Test Level:	80.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934902400
Test Type:	
Test Duration:	60
Test Level:	95.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934393051
Test Type:	
Test Duration:	30
Test Level:	95.0
Test Level UOM:	ft

#### Water Details

Water ID:	933483073
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	109.0
Water Found Depth UOM:	ft

#### <u>Site:</u>

site:		
	lot 28	ON

#### Database: WWIS

Well ID: Construction Date: Primary Water Use: Sec. Water Use:	1523902 Domestic	Data Entry Status: Data Src: Date Received: Selected Flag:	1 10/12/1989 TRUE
Final Well Status: Water Type:	Water Supply	Abandonment Rec: Contractor:	1517
Casing Material: Audit No: Tag:	44243	Form Version: Owner: Street Name:	1
Construction Method: Elevation (m): Elevation Reliability:		County: Municipality: Site Info:	OTTAWA CUMBERLAND TOWNSHIP
Depth to Bedrock: Well Depth: Overburden/Bedrock:		Site Info. Lot: Concession: Concession Name:	028
Pump Rate: Static Water Level: Flowing (Y/N):		Easting NAD83: Northing NAD83: Zone:	
Flow Rate: Clear/Cloudy:		UTM Reliability:	
Bore Hole Information			

Bore Hole ID:	10045674	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9

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

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931056146 4 8 BLACK 15 LIMESTONE
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	31.0 45.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer:	931056145 3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	26.0
Formation End Depth:	31.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931056143 1 7 RED 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 11.0 ft
Overburden and Bedrock Materials Interval	

931056144
2
2

unknown UTM na

General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3:	GREY 05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	11.0 26.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From:	933110472 1 2.0
Plug To: Plug Depth UOM:	31.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961523902 4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10594244 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	930079943 1 1 STEEL 31.0
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch ft
Results of Well Yield Testing	
Pump Test ID: Pump Set At: Static Level:	991523902
Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate:	35.0 35.0 50.0
Recommended Pump Rate: Levels UOM:	30.0 ft
Rate UOM: Water State After Test Code:	GPM
Water State After Test: Pumping Test Method: Pumping Duration HR:	1
Pumping Duration MIN: Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934390892
Test Type: Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

#### Draw Down & Recovery

934106663
15
28.0
ft

#### Draw Down & Recovery

Pump Test Detail ID:	934651866
Test Type:	
Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934909070
Test Type:	
Test Duration:	60
Test Level:	35.0
Test Level UOM:	ft

#### Water Details

Water ID:	933482339
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42.0
Water Found Depth UOM:	ft

#### Site:

lot 28 ON

Well ID: 1523637 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 37628 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock:

Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

8/28/1989 Date Received: TRUE Selected Flag: Abandonment Rec: 2351 Contractor: Form Version: 1 Owner: Street Name: OTTAWA County: CUMBERLAND TOWNSHIP Municipality: Site Info: Lot: 028 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

Data Entry Status:

1

Data Src:

Database:

#### Bore Hole Information

Bore Hole ID: 10045411 DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: Date Completed: 16-Aug-1989 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

# Elevation:Elevrc:Zone:18East83:North83:Org CS:UTMRC:9UTMRC Desc:unknown UTMLocation Method:na

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

Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931055309 5 3 BLUE 17 SHALE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	89.0 104.0 ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3 Desc:	931055305 1 6 BROWN 28 SAND
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

	Materia	als In	terval
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Formation ID:	931055308
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	73.0

л	7	

Formation End Depth: Formation End Depth UOM:	89.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931055306 2 7 RED 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	9.0 24.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931055307 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	24.0 73.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961523637 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10593981 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930079453 1 1 STEEL 89.0 6.0 inch ft

#### Results of Well Yield Testing

Pump Test ID:	991523637
Pump Set At: Static Level:	14.0
Final Level After Pumping:	92.0
Recommended Pump Depth:	100.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	40
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934105576
Test Type:	Draw Down
Test Duration:	15
Test Level:	37.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934650781
Test Type:	Draw Down
Test Duration:	45
Test Level:	91.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934390222
Test Type:	Draw Down
Test Duration:	30
Test Level:	82.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934908406
Test Type:	Draw Down
Test Duration:	60
Test Level:	92.0
Test Level UOM:	ft

#### Water Details

Water ID:	933481979
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.0
Water Found Depth UOM:	ft

#### Order No: 22020200296

# 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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\* Government Publication Date: Sept 2002\*

Provincial Aggregate Inventory: AGR The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Nov 2021

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

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:

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:

supplies industry. Information is provided on the company name, location and business type. Government Publication Date: 1999-Sep 30, 2021

Borehole: 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

150

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts &

ANDR

Provincial

Provincial

Private

Provincial

Private

BORE

AST

AUWR

#### Certificates of Approval:

#### Dry Cleaning Facilities: List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

#### Commercial Fuel Oil Tanks:

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.

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

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

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).

Government Publication Date: May 31, 2021

#### Chemical Manufacturers and Distributors:

Government Publication Date: 1985-Oct 30, 2011\*

Government Publication Date: Jan 2004-Dec 2019

distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.). Government Publication Date: 1999-Jan 31, 2020

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

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

#### **Chemical Register:**

Government Publication Date: 1999-Sep 30, 2021

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

tetrachloroethylene to the environment from dry cleaning facilities.

#### Compressed Natural Gas Stations:

Canadian Natural Gas Vehicle Alliance.

# Government Publication Date: Dec 2012 -Nov 2021

#### Inventory of Coal Gasification Plants and Coal Tar Sites: 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

#### 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

or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil

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-Jul 2021

#### Certificates of Property Use:

151

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

Government Publication Date: 1994 - Dec 31, 2021

#### Provincial

Federal

Provincial Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

CHM

Private Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at

Provincial

Private

Private

COAL

Provincial CPU

CA

CDRY

CFOT

CHEM

CNG

erisinfo.com | Environmental Risk Information Services

Drill Hole Database:

#### **Delisted Fuel Tanks:**

Environmental Registry:

#### Environmental Activity and Sector Registry:

Government Publication Date: May 31, 2021

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

regulatory agency under Access to Public Information.

# 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- Dec 31, 2021

#### 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 - Dec 31, 2021

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.

the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a

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

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

Government Publication Date: Oct 2011- Dec 31, 2021

#### Environmental Effects Monitoring:

ERIS Historical Searches:

152

Environmental Compliance Approval:

fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data. Government Publication Date: 1992-2007\*

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

Government Publication Date: 1999-Nov 30, 2021

#### Environmental Issues Inventory System:

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed. Government Publication Date: 1992-2001\*

#### Provincial

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

Provincial On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Provincial The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect

Provincial

Federal The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of

Private

Federal

# The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment

#### DRI

DTNK

EASR

FBR

**FCA** 

EEM

EHS

FIIS

#### Emergency Management Historical Event:

#### List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

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

Government Publication Date: Dec 31, 2016

#### Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

#### These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations. Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: May 31, 2020

Contaminated Sites on Federal Land:

Federal Convictions:

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\*

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-Nov 2021

#### Fisheries & Oceans Fuel Tanks:

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

#### Federal Identification Registry for Storage Tank Systems (FIRSTS):

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

#### Fuel Storage Tank:

153

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: May 31, 2021

#### Federal

FST

#### Provincial

#### **FMHF**

EPAR

EXP

FCON

FCS

FOFT

FRST

Provincial

Provincial

Federal

Federal

# Federal

Provincial

#### Order No: 22020200296

Fuel Storage Tank - Historic:

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010\*

#### Ontario Regulation 347 Waste Generators Summary:

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Nov 30, 2021

#### Greenhouse Gas Emissions from Large Facilities:

#### dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2019

Provincial **TSSA Historic Incidents:** 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\*

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

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

Government Publication Date: 1950-Aug 2003\*

#### Fuel Oil Spills and Leaks:

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

Government Publication Date: May 31, 2021

#### Landfill Inventory Management Ontario:

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

Government Publication Date: Feb 28, 2019

#### Canadian Mine Locations:

154

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\*

Provincial

Provincial

Private

GHG

IAFT

INC

LIMO

GEN

Provincial

Provincial

Federal

#### Mineral Occurrences:

#### 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-Dec 2020

#### National Analysis of Trends in Emergencies System (NATES):

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

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

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

Government Publication Date: Dec 31, 2019

#### National Defense & Canadian Forces Fuel Tanks:

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

#### National Defense & Canadian Forces Spills:

#### under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Apr 2018

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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007\*

#### National Energy Board Pipeline Incidents:

# Government Publication Date: 2008-Jun 30, 2021

National Defence & Canadian Forces Waste Disposal Sites:

#### National Energy Board Wells:

155

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.

(NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal

Government Publication Date: 1920-Feb 2003\*

Federal

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

Federal

Federal Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board

Federal

**MNR** 

NATE

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

Provincial

Provincial

NDFT

NDSP

NDWD

NFBI

NEBP

#### National Environmental Emergencies System (NEES):

#### In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003\*

National PCB Inventory:

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:

#### Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. Government Publication Date: 1993-May 2017

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.

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

Government Publication Date: 1988-Nov 30, 2021

#### Ontario Oil and Gas Wells:

Oil and Gas Wells:

#### geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: 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:

156

#### 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 - Dec 31, 2021

Canadian Pulp and Paper: 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:

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

Federal

Federal

Federal

Private

Provincial

NPCB

NFFS

OGWF

**NPRI** 

OOGW

ORD

PCFT

Provincial

Provincial This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for

Private

Federal



157

#### Pesticide Register:

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Dec 31, 2021

#### **Pipeline Incidents:**

Permit to Take Water:

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: May 31, 2021

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

Government Publication Date: 1989-1996\*

Ontario Regulation 347 Waste Receivers Summary:

Private and Retail Fuel Storage Tanks:

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water. Government Publication Date: 1994 - Dec 31, 2021

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, 1992-2019

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Dec 2021

Retail Fuel Storage Tanks:

Scott's Manufacturing Directory:

Record of Site Condition:

or propane storage tanks. Government Publication Date: 1999-Sep 30, 2021

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:** SPL List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Sep 2020

PES

PINC

PRT

**PTTW** 

RSC

RST

SCT

Provincial

Provincial

Provincial

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

Private

Provincial

#### Provincial

#### Provincial

Provincial

#### Order No: 22020200296

#### Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All

Government Publication Date: 1990-Dec 31, 2018

sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Wastewater Discharger Registration Database:

#### Anderson's Storage Tanks:

#### The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks,

#### for research purposes only. Government Publication Date: 1915-1953\*

#### Transport Canada Fuel Storage Tanks:

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 - Dec 2020

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the

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

#### Variances for Abandonment of Underground Storage Tanks:

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

#### Waste Disposal Sites - MOE CA Inventory:

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- Dec 31, 2021

#### Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

erisinfo.com | Environmental Risk Information Services

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

#### Government Publication Date: Up to Oct 1990\*

#### Water Well Information System:

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Sep 30, 2021

#### Provincial

SRDS

TANK

TCFT

VAR

WDS

**WDSH** 

Private

Federal

Provincial

Provincial

#### Provincial

Provincial

# **WWIS**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report**: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

*Elevation:* The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

*Executive Summary:* This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

<u>Map Key:</u> The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

# **APPENDIX 3**

**QUALIFICATIONS OF ASSESSORS** 

# Nick Sullivan, B.Sc.

# patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

**Materials Testing** 

**Building Science** 

Archaeological Services

#### POSITION

**Environmental Scientist** 

### **EDUCATION**

McMaster University, B.Sc. 2016 Earth & Environmental Science

Niagara College, Cert. 2017 Environmental Management & Assessment

#### EXPERIENCE

2018 – Present **Paterson Group Inc.** Consulting Engineers Geotechnical and Environmental Division Environmental Scientist

## SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments Contaminated Soil and Groundwater Field Sampling Subsurface Investigations of Soil and Rock Stratigraphy Supervision of Environmental Remediation Programs Designated Substance Surveys

# Mark S. D'Arcy, P. Eng

# patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

**Materials Testing** 

**Building Science** 

Archaeological Services

## POSITION

Associate and Supervisor of the Environmental Division Senior Environmental/Geotechnical Engineer

#### EDUCATION

Queen's University, B.A.Sc.Eng, 1991 Geotechnical / Geological Engineering

#### **MEMBERSHIPS**

Ottawa Geotechnical Group Professional Engineers of Ontario

#### EXPERIENCE

1991 to Present **Paterson Group Inc.** Associate and Senior Environmental/Geotechnical Engineer Environmental and Geotechnical Division Supervisor of the Environmental Division

## SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island Agricultural Supply Facilities - Eastern Ontario Laboratory Facility - Edmonton (Alberta) Ottawa International Airport - Contaminant Migration Study - Ottawa **Richmond Road Reconstruction - Ottawa** Billings Hurdman Interconnect - Ottawa Bank Street Reconstruction - Ottawa Environmental Review - Various Laboratories across Canada - CFIA Dwyer Hill Training Centre - Ottawa Nortel Networks Environmental Monitoring - Carling Campus - Ottawa Remediation Program - Block D Lands - Kingston Investigation of former landfill sites - City of Ottawa Record of Site Condition for Railway Lands - North Bay Commercial Properties - Guelph and Brampton Brownfields Remediation - Alcan Site - Kingston Montreal Road Reconstruction - Ottawa Appleford Street Residential Development - Ottawa Remediation Program - Ottawa Train Yards Remediation Program - Bayshore and Heron Gate Gladstone Avenue Reconstruction - Ottawa Somerset Avenue West Reconstruction - Ottawa