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Phase One Environmental Site Assessment
Proposed Chicken Processing Plant
3043 Dunning Road
Ottawa, Ontario

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Submitted to:

Laplante Poultry Farms Limited
3105 Dunning Road
Sarsfield, Ontario
K0A 3E0

Phase One Environmental Site Assessment
Proposed Chicken Processing Plant
3043 Dunning Road
Ottawa, Ontario

June 20, 2024
Project: 100117.056

experience • knowledge • integrity

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June 20, 2024 File: 100117.056

Laplante Poultry Farms Limited
3105 Dunning Road
Sarsfield, Ontario
K0A 3E0

Attention: Jamie Batchelor, Planner

Re: Phase One Environmental Site Assessment
Proposed Chicken Processing Plant
3043 Dunning Road
Ottawa, Ontario

Enclosed is our Phase One Environmental Site Assessment (ESA) report for the above noted property. The report presented herein is based on the scope of work discussed in the proposal dated May 15, 2024. This report was prepared by Jeffrey Gauthier, B.Eng, and reviewed by Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA}.

Jeffrey Gauthier, B.Eng.
Environmental Technologist

Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA}
Environmental Engineer

EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by J.L. Richards & Associates Limited (JLR) to carry out a Phase One Environmental Site Assessment (ESA) in accordance with Ontario Regulation (O.Reg) 153/04, as amended, for portion of the property located at 3043 Duning Road in Ottawa, Ontario. It is understood that this Phase One ESA is required to support site plant control application and that the land use of the Site will not be changing to a more sensitive land use.

The proposed area (herein referred to as the 'Site') fronts along Dunning Road and ends at up to a municipal drain (Jules Potvin Drain). The Site is not considered an enhanced investigation property as defined under O.Reg 153/04, as amended. The Site and surrounding lands within a 250 metre (m) radius, the 'Study Area', are illustrated on Figure A.1, Appendix A. The primary objective of this Phase One ESA was to identify any current and/or former potentially contaminating activities at the Site, as well as within the vicinity of the Site, to develop a preliminary determination of the likelihood of contamination in soil or groundwater which would result in the requirement of a Phase Two ESA. The general objectives were met through the evaluation of the information gathered from the records review, an interview, and a Site reconnaissance.

Three areas of potential environmental concern (APECs) were identified at the Site based on the Phase One ESA findings and are summarized below:

APEC 1 – Presence of Aboveground Storage Tanks (ASTs) On-site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), the Site has two ASTs. No evidence of staining, spills or odours were noted at the time of the Site reconnaissance. The Contaminants of Potential Concern (COPCs) are Petroleum Hydrocarbons Fractions F1-F4 (PHC F1-F4), Polycyclic Aromatic Hydrocarbons (PAHs), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), and Metals in soil and groundwater.

APEC 2 – Use of Transformer

Through the review of information (Site reconnaissance), there is a pole mounted transformer on the north of the border. No evidence of staining on the pole below the transformer or stressed vegetation in the area. The COPCs are polychlorinated biphenyls (PCBs).

APEC 3 – Presence of ASTs adjacent to the subject site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), 3085 Dunning has one AST located about 10m from the Subject Site. The AST was stated by Mr. Robert Laplante to be a furnace oil tank similar to that on the Subject Site. The COPCs are PHC F1-F4, BTEX, Metals, and PAHs in soil and groundwater.

Based on the information obtained and reviewed as part of this Phase One ESA, three APECs were identified at the Site. Based on the identification of APECs, it is recommended that a subsurface investigation, A Phase Two ESA, be carried out to adequately characterize soil and groundwater conditions in support of the proposed works in accordance with O.Reg 153/04, as amended.

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1.0 INTRODUCTION

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by J.L. Richards & Associates (JLR) to carry out a Phase One Environmental Site Assessment (ESA) in accordance with Ontario Regulation (O.Reg) 153/04, as amended, for the property located at 3043 Dunning Road in Ottawa, Ontario. It is understood that this Phase One ESA is required to support site plan control application (SPCA) and that the land use of the Site will not be changing to a more sensitive land use.

The proposed area (herein referred to as the 'Site') fronts along Dunning Road and ends at a municipal drain (Jules Potvin Drain). The Site is not considered an enhanced investigation property as defined under O.Reg 153/04, as amended. The Site and surrounding lands within a 250 metre (m) radius, the 'Study Area', are illustrated on Figure A.1, Appendix A.

Table 1.1 details the current land use of the Site, the adjacent properties, and other publicly accessible areas.

Table 1.1: Current Site and Adjacent Property Land Uses

Property Location	Civic Address	Property Land Use	Property Details
Site	3043 Dunning Road	Agriculture	The Site covers an approximate area of 17,000 square metres (m^2). The Site currently has one structure which is owned and operated by 'Laplant Poultry Farms Limited'. The Site is serviced by overhead hydro, a water well, and furnace oil for heating. The ground cover was primarily grass with a gravel graded roadways/driveways.
North	3105, 2997 Dunning Road	Agricultural Residential	The Site is bound to the north by an agricultural land parcel followed by what appears to be an abandoned dwelling. The Rolland Dutrisac Drain is present.
East	3105 Dunning Road	Agricultural	The Site is bound to the east by Jules Potvin Drain followed by an agricultural land parcel.
South	3085, 3105 Dunning Road	Residential Agricultural	The Site is bound to the south by a chicken barn, a residential dwelling at 3085Dunning Road, a barn and agricultural structures at 3105 Dunning Road.
West	3094, 3032, 3016, 3004, 2992, 2966 Dunning Road 2570 Giroux Road	Agricultural Residential Community	The Site is bound to the west by Dunning Road, followed by an agricultural land parcel, and residential dwellings at 3094, 3016, 3004, 2992, 2966 Dunning Road and 2570 Giroux Road.

Property Location	Civic Address	Property Land Use	Property Details
	Dunning Road and Giroux Road		Two community use roadways, Dunning Road and Giroux Road, are present within the study area.

The Phase One ESA was conducted by GEMTEC staff members whose qualifications are provided in Appendix B.

The Site features (including structures) are shown in Figure A.2, Appendix A. The one structure present at the Site includes:

- One Story Chicken Barn

1.1 Site Information

The Site covers an approximate area of approximately 17,000 m^2 and is occupied by one structure owned and operated by 'Laplante Poultry Farms Limited. The details for the Site are summarized in Table 1.2. A copy of the title search for the Site is provided in Appendix C.

Table 1.2: Legal Description and Site Information

Site Information	
Legal Description	PT LT 7 CON 4 CUMBERLAND PT 1, 4R11019; CUMBERLAND.
PIN	14512-0120 (LT)
Site Owner	Ferme Gerald LaPlante et Fils Ltee
Site Contact	Robert Laplante

2.0 SCOPE OF THE INVESTIGATION

2.1 General Objectives

The Phase One ESA was conducted in accordance with O.Reg 153/04, as amended. The objectives of the Phase One ESA were:

- To develop a preliminary determination of the likelihood of contamination in soil or groundwater by identifying and documenting current and historical environmental conditions and operations or practices at the Site; and,
- To determine if such operations or practices result in any Areas of Potential Environmental Concern (APECs) on the Site.

The general objectives were met though the evaluation of the information gathered from the records review and available documents, an interview, and a Site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described in Section 2.2.

GEMTEC understands that the Site will not be changing to a more sensitive land use. Therefore, the filing of a Record of Site Condition (RSC), as regulated by O.Reg 153/04, as amended, under the Environmental Protection Act, is not required.

2.2 Records Review

The records review included obtaining and reviewing records that relate to the Site and the Phase One Study Area to identify current and past land uses and activities that may have impacted the soil and groundwater quality at the Site. The following available records were reviewed as part of the investigation:

- Bedrock and Overburden Geology Maps – Overburden and bedrock geology maps, provided by Natural Resources Canada, were reviewed to identify the underlying soil deposits and bedrock types;
- Chain of Title – A chain of title abstract for the Site was obtained through Environmental Risk Information Services (ERIS). A copy of the title abstract is provided in Appendix C;
- Fire Insurance Maps and Insurance Reports – A copy of the Fire Insurance Maps and Insurance Reports is provided in Appendix D;
- ERIS Report – The ERIS report searches 73 public and private information databases to identify potential environmental concerns. An ERIS report was obtained for the Site and Phase One Study Area. A copy of the ERIS Report is provided in Appendix E;
- City Directories – A City Directory Report was requested from ERIS for the Site and surrounding properties within the Phase One Study Area. A copy of the City Directory Report is provided in Appendix F;
- WA records search was requested from the Technical Standards and Safety Authority (TSSA) for the Site (3043 Dunning Road) and the following adjacent properties located at 2570, 3004, 3016, 3032, 3085, 3094, 3105 Dunning Road. The TSSA search results are provided in Appendix G;
- Freedom of Information (FOI) - A FOI request for records on the Site was sent to the Ministry of the Environment, Conservation and Parks (MECP) in May 2024. FOI responses consist of information obtained from documents and records from the Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB) and Safe Drinking Water Branch (SDW). The response is provided in Appendix H;
- Historic Land Use Inventory (HLUI) – A HLUI request for records on the Site was sent to the City of Ottawa in January 2024. The response is provided in Appendix I;

- GeoOttawa®, and National Air Photo Library (NAPL) Aerial Photographs – Aerial photographs from the years 1945, 1953, 1964, 1985, 1991, 1999, and 2023 were available for review. They were reviewed for the Site and Phase One Study Area to identify APECs resulting from historical land uses. The aerial photographs can be found in Appendix J;
- Well Records - The MECP Well Records for the Site and the Phase One Study Area were reviewed and are provided in Appendix K;
- Map of Federal Contaminated Sites Inventory' prepared by Treasury Board of Canada Secretariat was reviewed;
- 'Ontario Inventory of PCB Storage Sites' prepared by Ontario Ministry of the Environment (Waste Management Branch) dated January 1992 was reviewed;
- 'Old Landfill Management Strategy – Phase 1 – Identification of Sites, City of Ottawa, Ontario' prepared by Golder Associates Ltd. dated October 2004 was reviewed; and,
- 'Small Landfill Sites List' and 'Large Landfill Sites List' prepared by the Ontario MECP were reviewed.

2.3 Interview

The objective of the interview was to assist in the identification of potentially contaminating activities (PCAs) that may have led to APECs at the Site. Mr. Robert Laplante, chicken farmer and son of the owner, was interviewed in person on June 7, 2024.

2.4 Site Reconnaissance

The Site was visually assessed to document current conditions and to evaluate the potential for environmental impacts to on-Site soil and groundwater. The Site was also inspected to identify if any possible preferential pathways such as underground utilities exist on the Site that may affect the fate, transport, and distribution of contaminants. Adjacent and neighbouring properties within the Phase One Study Area were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the Site.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Site is located at the land parcel of 3043 Dunning Road in Ottawa, Ontario and has an approximate area of 17,000 m^2. The Site fronts along Dunning Road and back onto a municipal drain (Jules Potvin Drain).

Based on the available aerial photographs, the Site has been developed between the years 1991 and 1999. The current structure was present in the same location on the Site and the land use at the Site was agricultural. The site appears to be agricultural fields prior to the structure being built. Historical land use in the Phase One Study Area was predominately agricultural, with some rural residential, and community use roadways.

Based on this information, a Phase One Study Area of 250 m surrounding the Site is deemed sufficient for the purpose of this Phase One ESA. The location of the Site and the extent of the Phase One Study area, are provided on Figure A.1, Appendix A.

3.1.2 First Developed Use Determination

Based on the available aerial photographs as outlined in section 3.3.1, the Site was developed sometime between 1991 and 1999 considering the structure is present in 1999 and was not identified in the 1991 aerial photograph.

3.1.3 Chain of Title

A copy of the chain of title is available in Appendix C. The legal description for the Site is:

- PT LT 7 CON 4 CUMBERLAND PT 1, 4R11019; CUMBERLAND..

The PIN for the Site is:

- 14512-0120 (LT).

3.1.4 Fire Insurance Plans and Reports

A search of Fire Insurance Plans and insurance reports was completed for the Site. No FIPs or insurance reports were available for the Site. A copy of the response from OPTA Information Intelligence is available in Appendix D.

3.1.5 Historical Reports

The following historical reports completed by GEMTEC were available for review:

- *Proposed Work Program, 3043 Dunning Road, Ottawa, Ontario*. Dated December 19, 2023.
- *Pumping Test Design Report, Environmental Activity and Sector Registry, Proposed Chicken Processing Facility, 3043 Dunning Road, Ottawa, Ontario*. Dated January 19, 2024.
- *Hydrogeological Investigation & Terrain Analysis, Proposed Chicken Processing Facility, Part of Lot 7, Concession 4 (3043 Dunning Road), Ottawa, Ontario.* Dated February 13, 2024;
- *DRAFT Environmental Impact Statement, Proposed Zoning-By Law Amendment and Site Plan Approval, 3043 Dunning Road, City of Ottawa, Ontario*. Dated February 14, 2024.

These reports were reviewed, and it was surmised that four boreholes, two shallow and two deep were advanced on the Subject Site, no PCAs were identified through review of the reports.

3.2 Environmental Source and Regulatory Information

3.2.1 ERIS Database Report

GEMTEC contacted ERIS to conduct a search of 73 public and private information databases for the Site and the Phase One Study Area. The complete ERIS report, including a list of databases searched, is provided in Appendix E. All listings were reviewed, and the highlights are provided in Table 3.1.

Table 3.1: Summary of ERIS report

Address	Distance from the Site	Database	Company/Name - Description
3043 Dunning Road	On Site	EASR	Laplante Poultry Farms Limited Approval Number: R-011-1265325587 dated January 2024. EASR record indicates that the site is used as a chicken farm and permits the taking of water for a pumping test – which is consistent with the work completed by GEMTEC to date.

Note:

EASR – Environmental Activity and Sector RegistryThe unplottable report summary was reviewed to determine if any of the records were located within at the Site or within the Phase One Study Area. Many of the entries were only located by company name with no defined civic address. As such, there were many uncertainties related to the entries describing these activities, and in most cases, these could not be confirmed as being present within the Phase One Study Area.

3.2.2 City Directory

A review of the city directories, from 1997 to 2021, was completed for the Subject Site and several adjacent properties located along Dunning Road and Giroux Road. A copy of the City Directory records is provided in Appendix F. All records were reviewed, and no environmentally significant records were identified within the Phase One Study Area.

3.2.3 Technical Safety and Standards Association

The Technical Standards and Safety Authority (TSSA) was contacted on May 28, 2024. The record search response revealed that there were no records of tanks or elevating devices present on the Subject Site and adjacent properties located within the Phase One Study Area. The TSSA search results are provided in Appendix G.

3.2.4 Freedom of Information (FOI)

A FOI request for Subject Site records was sent to the MECP on May 23, 2024. The FOI response from MECP indicates that no records were identified for the Subject Site and a copy of the request is provided in Appendix H.

3.2.5 Historic Land Use Inventory

A HLUI request for Subject Site records was sent to the City of Ottawa on May 27, 2024. To date, GEMTEC has not received a response from the City of Ottawa, once a response is received, the results will be reviewed and should they alter the conclusions in this report the client will be notified, a copy of the request is provided in Appendix I.

3.2.6 Mapping of Federally Contaminated Subject Sites

A Government of Canada, Treasury Board of Canada Secretariat, interactive map illustrating the database of over 4,000 federally contaminated sites was reviewed. No federally owned contaminated sites were identified within the Phase One Study Area.

3.2.7 Ontario Inventory of PCB Storage Sites

The Waste Management Branch of the MECP published a report titled “Ontario Inventory of PCB Storage Sites” in October 1991. The publication includes information of PCB storage sites collected under O.Reg 11/82 through MECP district and regional offices. The database did not identify any PCB storage sites located on the Subject Site or within the Phase One Study Area.

3.2.8 Landfills

Golder Associates Ltd. published an Old Landfill Management Strategy – Phase 1 - Identification of Sites, City of Ottawa, Ontario dated October 2004. The publication includes information to identify old landfill sites for potential environmental considerations within the boundary of the amalgamated City of Ottawa. The database did not identify any landfills on the Subject Site or the Phase One Study Area.

The MECP published maps entitled ‘*Small Landfill Sites List’* and ‘*Large Landfill Sites Map’* published March 2014 – Updated October 2021. The publication includes information to identify old landfill sites for potential environmental considerations within the boundary of the province of Ontario. No landfills were identified at the Subject Site or within the Phase One Study Area.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Select aerial photographs were examined as part of this Phase One ESA. The copies of the aerial photographs are provided in Appendix J.

Aerial photographs were obtained at regular intervals and were selected based on suitable scales for analysis and coverage area. The earliest aerial photograph obtained was from 1946. Observations made with respect to the selected aerial photographs are discussed in Table 3.2.

Table 3.2: Summary of aerial photograph review

Date	Photograph Number	Observations
1945	NAPL	The Subject Site appears to be used for agricultural purposes; no structures are present. Historical land use in the Phase One Study Area appears predominately agricultural with rural residential and community right of ways (i.e., roadways). Dunning Road is located to the west of the Subject Site. What is currently known as the Rolland Dutrisac Drain is present north of the Subject Site within the study area.
1953	NAPL	No significant changes to the Subject Site and the Phase One Study Area compared to the aerial photograph from 1945.
1964	NAPL	No significant changes to the Subject Site and the Phase One Study Area compared to the aerial photograph from 1953.
1985	NAPL	No significant changes to the Subject Site compared to the aerial photograph from 1964. Rural residential development has occurred South of the Subject Site within the Phase One Study Area. What appears to be an excavation/ disturbed earth is present south of the Subject Site.
1991	GeoOttawa®	No significant changes to the Subject Site compared to the aerial photograph from 1985. Further residential/ agricultural development has occurred south and west of the Subject Site within the Phase One Study Area.
1999	GeoOttawa®	A Barn (the chicken barn) can be seen in the eastern/central area of the Subject Site. A storage tank is located on the north side of the barn. A long driveway connects the barn to what is currently known as Dunning Road. In the Phase One Study Area, a similar barn structure, with a similar tank, to that on the Subject Site, is present directly south. The areas of excavation/disrobed earth is not longer visible. A line of 12 structures is present south of the Subject Site.
2017	GeoOttawa®	An additional storage tank is present next to the initial storage tank on the north side of the barn. Structures from the line of 12 buildings in the Phase One Study area have been removed and rebuilt for a total of 12 during 2002 and 2017
2021	GeoOttawa®	No significant changes to the Subject Site and the Phase One Study Area compared to the aerial photograph from 2017.
2023	MAXAR Technologies	No significant changes to the Subject Site and the Phase One Study Area compared to the aerial photograph from 2021.

Notes:

1. NAPL – National Air Photo Library
2. Aerials from NAPL and Maxar Technologies were order though ERIS.
3. The Subject Site features (including structures) are shown in Figure A.2, Appendix A.

4. Aerial photographs reviewed through GeoOttawa® as part of the investigation are not reproduced due to copyright limitations.

Based on the review of the aerial photographs, the following PCA was identified on the subject site or within the study area:

- **PCA # 28**: Gasoline and Associated Products Storage in Fixed Tanks on the Subject Site for of the existing barn structure;
- **PCA # 28**: Gasoline and Associated Products Storage in Fixed Tanks north of the structure at 3085 Dunning Road approximately 10 m south of the Subject Site; and,
- **PCA # 30**: Importation of Fill Material of Unknown Quality 200 m south of the subject property on 3105 Dunning Road.

3.3.2 Topography and Hydrogeology

The Subject Site has a relatively flat topography and is at an elevation of approximately 88 m above sea level (m asl). The Subject Site has no discernable topographic high points. The Jules Potvin Drain is east of the Subject Site and is a topographic low point. Surface water is assumed to drain into the Jules Potvin Drain which flows into the Rolland Dutrisac Drain north of the Subject Site.

Groundwater flow often reflects topographic features and typically flows towards nearby lakes, rivers, and wetland areas. Based on previous hydrogeological reports completed by GEMTEC, local groundwater typically flows towards the east-southeast, generally coinciding with local topography.

3.3.2.1 Surficial and Bedrock Geology

Surficial and bedrock geology maps of the Canada indicate that the overburden in Phase One Study Area generally consists of fine-textured glaciomarine deposits (i.e., silt and clay, minor sand and gravel) and is massive to well laminated.

3.3.3 Fill Materials

No evidence of stockpiled fill material or fill with debris was not observed on the Subject Site.

3.3.4 Waterbodies and Areas of Natural Significance

No provincially significant wetlands (PSWs) or areas of natural and scientific interest (ANSIs) were identified on the Subject Site or within the Phase One Study Area. Jules Potvin Drain, a municipal drain, is present along the east edge of the Subject Site, and Rolland Dutrisac Drain, which is present north of Subject Site.

3.3.5 Well Records

Well records were reviewed for the Subject Site and Phase One Study Area and were available through the MECP. The MECP well records did not identify and wells on the Subject Site. Six wells are located within the Phase One Study Area and are located at the land parcel of 3105, 3094 Dunning Road, 2570 Giroux Road, (south of the Subject Site), 3032, 2992, 2966 Dunning Road (west of Subject Site).

A review of Well Record (ID: 1516193) indicates that the overburden consists of gray clay soil to the depth of approximately 17.40 m below ground surface (bgs), gravel and sand soil between 17.40 m and 20.10 m bgs, underlain by gray limestone.

A review of Well Record (ID: 1515552) indicates that the overburden consists of a brown topsoil to a depth of approximately 0.9 m bgs, blue clay soil between 0.9 m and 11.60 m bgs, gravel and sand soil between 11.60 m and 12.50 m bgs, underlain by brown sandstone.

A review of Well Record (ID: 1513961) indicates that the overburden consists of blue clay soil to a depth of 5.5 m bgs and grey coarse gravel between 5.5 m and 6.1 m bgs.

A review of Well Record (ID: 1512438) indicates that the overburden consists of blue clay soil to a depth of 11.6 m bgs and grey gravel between 11.6 m and 12.2 m bgs.

A review of Well Record (ID: 1513949) indicates that the overburden consists of yellow sand to a depth of 6.7 m bgs, blue clay soil between 6.7 and 20.7 m bgs, and grey gravel between 20.7 m and 23.2 m bgs.

A review of Well Record (ID: 7299830) indicates that the overburden consists of brown clay to a depth of 3.9 m bgs, grey clay soil between 3.9 and 16.7 m bgs, grey gravel between 16.7 m and 21.9 m bgs, underlain by grey limestone.

The well records are available in Appendix K.

Note: Through work completed by GEMTEC and Site Reconnaissance, it had been confirmed that there are 5 wells on the Subject Site, four monitoring wells and one domestica water well, however these were not identified in the MECP well records and will be discussed in section 5.

4.0 INTERVIEW

Mr. Robert Laplante, Site contact and son of the owner, was interviewed in person during the Site reconnaissance on June 7, 2024. A summary of information provided to GEMTEC during the interview is provided below. To the best of Mr. Laplantes knowledge:

- Mr. Laplante family has resided on property since acquired by his father in 1965;
- The barn is used to house chickens and was constructed in 1994;

- No fill material was brought to the Subject Site, only gravel for the driveway;
- No sumps or pits were located at the Subject Site;
- The Subject Site is not connected to municipal sewers and no septic tanks are on Subject Site;
- There are drains inside the barn that lead outside, however Mr. LaPlante confirmed they are clogged since the mid 1990's and are no longer operational;
- Pesticides/Herbicides and Agricultural chemicals are not used/stored on Subject Site but are used on adjacent plots of land (North, East, West) for agricultural purposes;
- No manufacturing activities are conducted at the Subject Site;
- The Subject Site is serviced by furnace oil for heating, diesel for an on-site generator, overhead hydro, and a domestic water well;
- No domestic wastewater is produced on Subject Site;
- Two tanks are located on Subject Site: A heating oil tank used for heating of the barn and a diesel tank used for the generator;
- One transformer is present on the Subject Site;
- A disinfectant and hydrogen peroxide are stored within the barn in small quantities, Mr. Laplante indicated there have never been any spills;
- No historical spills were reported at the Subject Site; and,
- Not aware of any environmental concerns related to the Subject Site.

4.1 Assessment and Evaluation of Interview

The interview with Mr. Robert Laplante is consistent with historical records and other information sources.

Based on the review of available information through interview, the following PCAs were identified to be present on the Subject Site or withing the Study Area:

- **PCA # 28**: Gasoline and Associated Products Storage in Fixed Tanks on the Subject Site for of the existing barn structure; and,

- **PCA # 40**: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications within the Study Area, north, east, and west of the Subject Site.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

A Site reconnaissance was carried out on June 7, 2024. The weather at the time of Site reconnaissance was overcast with a temperature of approximately 17 °C.

The Site reconnaissance was completed by Mr. Jeffrey Gauthier, B.Eng, and Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA}. The Site reconnaissance was completed to determine if there were visually observable environmental concerns with the Site and/or surrounding properties within the Phase One Study Area.

5.2 Site Photographs

Photographs of the Site were taken during the Site reconnaissance to document the general condition of the Site. The relevant photographs are presented in Appendix L. A description of the photographs is summarized in Table 5.1.

Table 5.1: Summary of Site photographs

Photo Number	Compass Orientation	Description
1	West	Looking west along the Dunning Road. View of two monitoring wells and a small ditch along Dunning Road.
2	-	Disinfectant used on the Site property. Stored within barn.
3	-	Hydrogen Peroxide used on the Site property. Stored within barn.
4	-	Generator used on site property. Stored within barn.
5	-	Boiler used on site property. Stored within barn.
6	East	Looking west inside the barn. Slab floor on grade. Venting overhead and vent windows along wall. Some staining from agricultural practices.
7	North	Looking north inside the bar. A drain located at the intersection of wall and floor. Multiple drains are within the barn. Piping for water above drain and below venting window.
8	East	Looking east at the Jules Potvin Drain along the east property line of the Site.
9	West	Looking west along the Dunning Road. View of a monitoring well and a small ditch along Dunning Road.
10	South	Looking south at the barn. Drain exit from the inside of the barn.
11	South	Looking south towards the diesel storage tank on concrete slab.
12	South	Looking south towards the furnace oil storage tank on concrete slab.
13	South	Looking south towards the two storage tank with an old well.
14	North	Looking north, up the pole. An electrical transformer on the pole with no staining seen on the wood below it.

Photo Number	Compass Orientation	Description
15	South	Looking south at the adjacent barn's furnace oil tank. Parcels of land are separated by a small ditch.

5.3 Specific Observations at Site

5.3.1 On-Site Structures

Through the review of aerial photographs, the Site was developed between 1991 and 1999. Mr. Robert Laplante stated that the barn was built in 1994 which is consistent with the aerial photographs. One structure was present in the center to east portion of the Site and the land use at the Site was agricultural.

Based on aerial photographs and the Site assessment, the Site has not developed substantially since the initial development. There is currently a single structure which is used to house chickens. The Site occupies an area of approximately 17,000 m^2. The one structure present at the Site is used as a single-story chicken barn.

The Site features (including structure) are shown in Figure A.2, Appendix A. The structure is owned and operated by Laplante Poultry Farms Limited.

The barn is used for housing chickens. There are gravel driveways present on site. The access to the Site is from Dunning Road. The Site is serviced by overhead hydro, a water well, and furnace oil for heating and diesel for the on-site generator. The barn has boilers, and small volumes of chemicals (chemical cleaners, water disinfectant) stored inside. The inside flooring was concrete with staining (likely from chickens and general operations) and minimal cracking. There are drains located the edges of the barn that lead outdoors (Mr. Robert Laplante stated that they are clogged and not in use).

Adjacent to the barn (north) are two aboveground storage tank (ASTs). A 4,550 liter (L) storage tank with furnace oil and a 1,360 L storage tank for diesel. Both were on concrete slab on grade which has minimal to no cracking and no staining from the tank contents were noted.

5.3.2 Observations

The following observations were made for the Site:

- The Site is currently occupied by one structure. The details of the structures are available in Section 5.3.1 and the Site features (including structure) are shown in Figure A.2, Appendix A;
- Gravel roadways/driveways are present at the Site;
- The Site is serviced by overhead hydro, a water well, and furnace oil for heating and diesel for the generator;

- No signs of staining or spills were noted in proximity of the ASTs;
- A pole mounted transformer located next to the ASTs has no visible staining on the pole;
- Concrete slab on grade was in a good condition with minimal cracking for ASTs;
- Concrete flooring inside barn has minimal cracking and some staining was observed, it is anticipated the staining is from farming operations;
- No stressed vegetation or staining was identified at the Site; and,
- The details of the ASTs are provided in Table 5.2.

Table 5.2: Summary of on-site ASTs

Tank Volume	Date of Manufacture	Tank Description	Tank Construction	Fuel Storage
4,550 L	05-2021	AST for flammable and combustible liquids with integral spill containment – Double Wall	Steel Double Wall	Furnace Oil
1,360 L	03-2015	AST for flammable and combustible liquids– Double Wall Utility Tank	Steel Double Wall	Diesel

5.3.3 Site Services

The Site is serviced by overhead hydro, a water well, furnace oil for heating, and a diesel generator. A roadside drainage ditches were identified along Dunning Road.

5.3.4 Unidentified Substances

No unidentified substances were observed on the Site during the Site reconnaissance.

5.3.5 Odours

No odours were identified on the Site during the Site reconnaissance.

5.3.6 Enhanced Investigation Property

The Site is not considered an enhanced investigation property as defined under O.Reg 153/04, as amended.

5.4 Specific Observations within the Phase One Study Area

5.4.1 Surrounding Properties

Adjacent properties were viewed from the Site and publicly accessible boundaries to assess the potential for uses to adversely affect the Site. Table 5.3 summarizes the findings.

Table 5.3: Summary of Surrounding Properties

Property Location	Civic Address	Property Land Use	Property Details
North	3105, 2997 Dunning Road	Agricultural Residential	The Site is bound to the north by an agricultural land parcel followed by what appears to be an abandoned dwelling. The Rolland Dutrisac Drain is present.
East	3105 Dunning Road Jules Potvin Drain	Agricultural	The Site is bound to the east by Jules Potvin Drain followed by an agricultural land parcel.
South	3085, 3105Dunning Road	Residential Agricultural	The Site is bound to the south by a chicken barn, a residential dwellings at 3085 Dunning Road, and a barn with agricultural structures on 3105 Dunning Road.
West	3094, 3032, 3016, 3004, 2992, 2966 Dunning Road 2570 Giroux Road Dunning Road and Giroux Road	Agricultural Residential Community	The Site is bound to the west by Dunning Road, followed by an agricultural land parcel, and residential dwellings at 3094, 3016, 3004, 2992, 2966 Dunning Road and 2570 Giroux Road. Two community use roadways, Dunning Road and Giroux Road, are present within the study area.

5.4.2 Water, Wastewater and Storm Water

The Site is serviced by a water well. No wastewater management was identified. The adjacent agricultural properties were assumed to have similar conditions as the Site. The storm water is believed to either infiltrate the ground surface or flow towards Jules Potvin Drain or the small drainage ditches located along Dunning Road or the small ditches along the north and south property lines.

5.4.3 Pits, Ponds, and Lagoons

No pits, ponds or lagoons were observed at the time of the Site reconnaissance.

5.4.4 Stained Materials and Stressed Vegetation

No signs of stressed vegetation were observed at the time of Site reconnaissance.

5.4.5 Watercourses, Ditches or Standing Water

No major watercourse is located close to the Subject Site. Roadside drainage ditches are located along Dunning Road and there are ditches along the north and south property lines. Jules Potvin Drain (a municipal drain) is present along the eastern edge of the Subject Site and the Rolland

Dutrisac Drain is North of the subject Site. No standing water was noted at the time of Site reconnaissance.

5.5 Site Reconnaissance Limitations

No limitations were noted at the time of Site reconnaissance.

5.6 Assessment and Evaluation of Site Reconnaissance

Based on the review of available information through the Site Reconnaissance, the following PCAs were identified to be present on the Subject Site or withing the Study Area:

- **PCA # 28**: Gasoline and Associated Products Storage in Fixed Tanks on the Subject Site for of the existing barn structure;
- **PCA # 28**: Gasoline and Associated Products Storage in Fixed Tanks north of the structure at 3085 Dunning Road approximately 10 m south of the Subject Site; and,
- **PCA # 55**: Transformer Manufacturing, Processing and Use. A pole mounted transformer was identified on the Subject Site.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

Currently the Site is occupied by one structure which are owned and operated by Laplante Poultry Farms Limited. The details of the structure is available in Section 5.3.1. The Site was used for agricultural purposes historically and the current use is agricultural (poultry raising).

6.2 Potentially Contaminating Activities

Two PCAs were identified on-Site. Three off-Site PCAs was identified. The locations of the PCAs are shown on Figure A.3, Appendix A and summarized in Table 6.1.

Table 6.1: Summary of Potentially Contaminating Activities

PCA ID	Type of PCA	Address / Location	Information source	PCA Description	Rationale
28	Presence of ASTs	On-Site	Aerial Photographs Site Reconnaissance	Presence of ASTs for heating barn	Yes – APEC 1 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.

PCA ID	Type of PCA	Address / Location	Information source	PCA Description	Rationale
55	Use of Transformer	On-Site	Site Reconnaissance	Presence of pole mounted transformer	Yes – APEC 2 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.
28	Presence of ASTs	3085 Dunning Road	Site Reconnaissance	Presence of ASTs for heating barn. Similar to that on-site	Yes – APEC 3 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.
40	Bulk Storage and Large Scale Applications of Pesticides	3105, 3032 Dunning Road	Interview	Application of pesticides for agricultural purposes	No Based on PCA not being on-Site
30	Importation of Fill Material of Unknown Quality	3105 Dunning Road	Aerial Photographs	Use of fill to fill an excavated section south of site.	No Based on PCA not being on-Site

Notes:
28. Gasoline and Associated Products Storage in Fixed Tanks
30. Importation of Fill Material of Unknown Quality
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
55. Transformer Manufacturing, Processing and Bulk Storage

6.3 Areas of Potential Environmental Concern

GEMTEC identified three APECs on the Subject Site resulting from two on-Site PCAs and one PCA in the study area. The identified APECs, impacted media, and contaminants of potential concern (COPCs) are summarized in Table 6.2 and Figure A.4, Appendix A.

Table 6.2: Areas of Potential Environmental Concern

APEC #	APEC	Location of APEC on the Site	PCA	Location of PCA (On-Site and/or Off-Site)	COPCs	Media Potentially Impacted (Soil, Groundwater and/or Sediments)
1	Two ASTs identified on the subject site north	Northwest section along barn	28	On-Site	PHC F1-F4, BTEX,	Soil Groundwater

APEC #	APEC	Location of APEC on the Site	PCA	Location of PCA (On-Site and/or Off-Site)	COPCs	Media Potentially Impacted (Soil, Groundwater and/or Sediments)
	of the existing chicken barn				Metals, PAHs	
2	Pole-mounted electrical transformer identified north of existing chicken barn	Northwest from barn	55	On-Site	PCBs	Soil Groundwater
3	One AST identified about 10m south of subject site	South of the Site. Northwest section along barn on 3085 Dunning	28	3085 Dunning Road	PHC F1-F4, BTEX, Metals, PAHs	Soil Groundwater

Notes:

28. Gasoline and Associated Products Storage in Fixed Tanks
55. Transformer Manufacturing, Processing and Bulk Storage
PHC F1-F4 – Petroleum Hydrocarbons F1-F4
BTEX – Benzene, Toluene, Ethylbenzene, and Xylene
PCBs – Polychlorinated Biphenyls
PAHs – Polycyclic Aromatic hydrocarbons

A summary and description of the identified APECs and pertinent COPCs is provided below:

APEC 1 – Presence of ASTs On-site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), the Site has two ASTs. No evidence of staining, spills or odours were noted at the time of the Site reconnaissance. The COPCs are PHC F1-F4, BTEX, Metals, and PAHs in soil and groundwater.

APEC 2 – Use of Transformer

Through the review of information (Site reconnaissance), there is a pole mounted transformer on the north of the border. No evidence of staining on the pole below the transformer or stressed vegetation in the area. The COPCs are polychlorinated biphenyls (PCBs).

APEC 3 – Presence of ASTs adjacent to the subject site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), 3085 Dunning has one AST located about 10m from the Subject Site. The AST was stated by Mr.

Robert Laplante to be a furnace oil tank similar to that on the Subject Site. The COPCs are PHC F1-F4, BTEX, Metals, and PAHs in soil and groundwater.

6.3.1 Discussion of Uncertainty

Information provided to GEMTEC and discussion with Mr. Robert Laplante has been relied upon in good faith, no uncertainties were identified.

6.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Model (CSM) describes the nature and extent of potential contaminants on the Site. The Phase One CSM is summarized in Sections 6.4.1 through 6.4.11 and the figures included in Appendix A, as outlined in Table 6.3.

Table 6.3: Summary of Conceptual Site Model Figures

Conceptual Model Detail	Figure
Roads, Existing Buildings and Structures	Figure A.1: Site and Phase One Study Area
Potentially Contaminating Activities	Figure A.2: Potentially Contaminating Activities
Areas of Potential Environmental Concern	Figure A.3: Areas of Potential Environmental Concern
Water Wells, Waterbodies, watercourses, ANSIs	Figure A.4: Topographic map and MECP Water Wells

6.4.1 Site Description

Through the review of aerial photographs, the Site was developed between 1991 and 1999. Mr. Robert Laplante stated that the barn was built in 1994 which is consistent with the aerial photographs. One structure was present in the center to east portion of the Site and the land use at the Site was agricultural.

Based on aerial photographs and the Site assessment, the Site has not developed substantially since the initial development. There is currently a single structure which is used to house chickens. The Site occupies an area of approximately 17,000 m^2. The one structure present at the Site is:

- Structure 1 – One Story Chicken Barn

The Site features (including structure) are shown in Figure A.2, Appendix A. The structure is owned and operated by Laplante Poultry Farms Limited.

The barn is used for housing chickens. There are gravel roadways/driveways present on site. The access to the Site is from Dunning Road. The Site is serviced by overhead hydro, a water well, furnace oil for heating, and diesel for the generator. The barn has an indoor generator with a tank, boilers, and small volumes of chemicals (chemical cleaners, water disinfectant) stored inside. The

inside flooring was concrete with staining (likely from chickens and general operations) and minimal cracking. There are drains located the edges of the barn that lead outdoors (Mr. Robert Laplante stated that they are clogged and not in use).

Adjacent to the barn (north) are two ASTs. A 4,550 L storage tank with furnace oil and a 1,360 L storage tank for diesel. Both were on concrete slab on grade which has minimal to no cracking and no staining from the tank contents were noted.

6.4.2 Current and Proposed Future Site Use

Currently the Site is occupied by one structure which are owned and operated by Laplante Poultry Farms Limited. The details of the structure is available in Section 5.3.1. The Site's current use is agricultural (poultry raising). The future use is expected to remain agricultural.

6.4.3 Topography, Hydrology and Geology

The Subject Site has a relatively flat topography and is at an elevation of approximately 88 m above sea level (m asl). The Subject Site has no discernable topographic high points. The Jules Potvin Drain is east of the Subject Site and is a topographic low point. Surface water is assumed to drain into the Jules Potvin Drain which flows into the Rolland Dutrisac Drain north of the Subject Site.

Groundwater flow often reflects topographic features and typically flows towards nearby lakes, rivers, and wetland areas. Based on previous hydrogeological reports completed by GEMTEC, local groundwater typically flows towards the east-southeast, generally coinciding with local topography.

Surficial and bedrock geology maps of the Canada indicate that the overburden in Phase One Study Area generally consists of fine-textured glaciomarine deposits (i.e., silt and clay, minor sand and gravel) and is massive to well laminated.

6.4.4 Waterbodies and Areas of Natural and Scientific Interest

No provincially significant wetlands (PSWs) or areas of natural and scientific interest (ANSIs) were identified on the Subject Site or within the Phase One Study Area. Jules Potvin Drain, a municipal drain, is present along the east edge of the Subject Site, and Rolland Dutrisac Drain, which is present north of Subject Site.

6.4.5 Well Records

Well records were reviewed for the Site and Phase One Study Area and were available through the MECP. No wells are located at the Site. Six wells are located within the Phase One Study Area and are located at the land parcel of 3105, 3094 Dunning Road, 2570 Giroux Road, (south of the Site), 3032, 2992, 2966 Dunning Road (west of site).

A review of Well Record (ID: 1516193) indicates that the overburden consists of gray clay soil to the depth of approximately 17.40 m below ground surface (bgs), gravel and sand soil between 17.40 m and 20.10 m bgs, underlain by gray limestone.

A review of Well Record (ID: 1515552) indicates that the overburden consists of a brown top-soil to a depth of approximately 0.9 m bgs, blue clay soil between 0.9 m and 11.60 m bgs, gravel and sand soil between 11.60 m and 12.50 m bgs, underlain by brown sandstone.

A review of Well Record (ID: 1513961) indicates that the overburden consists of blue clay soil to a depth of 5.5 m bgs and grey coarse gravel between 5.5 m and 6.1 m bgs.

A review of Well Record (ID: 1512438) indicates that the overburden consists of blue clay soil to a depth of 11.6 m bgs and grey gravel between 11.6 m and 12.2 m bgs.

A review of Well Record (ID: 1513949) indicates that the overburden consists of yellow sand to a depth of 6.7 m bgs, blue clay soil between 6.7 and 20.7 m bgs, and grey gravel between 20.7 m and 23.2 m bgs.

A review of Well Record (ID: 7299830) indicates that the overburden consists of brown clay to a depth of 3.9 m bgs, grey clay soil between 3.9 and 16.7 m bgs, grey gravel between 16.7 m and 21.9 m bgs, underlain by grey limestone.

The well records are available in Appendix K.

6.4.6 Potentially Contaminating Activities, Contaminants of Potential Concern and Area of Potential Environmental Concern

The Phase One ESA identified two PCAs on-Site. Three off-Site PCAs were identified. A summary of the PCAs as outlined on Table 2 in Schedule D of the Regulation, and identified in the Phase One ESA, are provided in Table 6.4.

Table 6.4: Summary of Potentially Contaminating Activities

PCA ID	Type of PCA	Address / Location	Information source	PCA Description	Rationale
28	Presence of ASTs	On-Site	Aerial Photographs Site Reconnaissance	Presence of ASTs for heating barn	Yes – APEC 1 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.
55	Use of Transformer	On-Site	Site Reconnaissance	Presence of pole mounted transformer	Yes – APEC 2 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.

PCA ID	Type of PCA	Address / Location	Information source	PCA Description	Rationale
28	Presence of ASTs	3085 Dunning Road	Site Reconnaissance	Presence of ASTs for heating barn. Similar to that on-site	Yes – APEC 3 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC.
40	Bulk Storage and Large Scale Applications of Pesticides	3105, 3032 Dunning Road	Interview	Application of pesticides for agricultural purposes	No Based on PCA not being on-Site
30	Importation of Fill Material of Unknown Quality	3105 Dunning Road	Aerial Photographs	Use of fill to fill an excavated section south of site.	No Based on PCA not being on-Site

Notes:

28. Gasoline and Associated Products Storage in Fixed Tanks
30. Importation of Fill Material of Unknown Quality
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
55. Transformer Manufacturing, Processing and Bulk Storage

6.4.7 Subsurface Structures and Utilities

There is low potential for underground utilities to affect contaminant transport on or to the Site if contaminants are present. The existing buildings are serviced by overhead hydro, a water well , furnace oil for heating, and diesel for the generator.

6.4.8 Areas of Potential Environmental Concern (APECs)

The available information was reviewed in a comprehensive manner starting with available historical information, followed by the results of the Site reconnaissance and finally the results of the interviews. Based on the PCAs identified within the Phase One Study Area, three APECs were identified on the Site and summarized in Table 6.5.

Table 6.5: Areas of Potential Environmental Concern

APEC #	APEC	Location of APEC on the Site	PCA	Location of PCA (On-Site and/or Off-Site)	COPCs	Media Potentially Impacted (Soil, Groundwater and/or Sediments)
1	Two ASTs identified on the subject site north of the existing chicken barn	Northwest section along barn	28	On-Site	PHC F1-F4, BTEX, Metals, PAHs	Soil Groundwater
2	Pole-mounted electrical transformer identified north of existing chicken barn	Northwest from barn	55	On-Site	PCBs	Soil Groundwater
3	One AST identified about 10m south of subject site	South of the Site. Northwest section along barn on 3085 Dunning	28	3085 Dunning Road	PHC F1-F4, BTEX, Metals, PAHs	Soil Groundwater

Notes:

28. Gasoline and Associated Products Storage in Fixed Tanks
55. Transformer Manufacturing, Processing and Bulk Storage
PHC F1-F4 – Petroleum Hydrocarbons F1-F4
BTEX – Benzene, Toluene, Ethylbenzene, and Xylene
PCBs – Polychlorinated Biphenyls
PAHs – Polycyclic Aromatic Hydrocarbons

6.4.9 Contaminants of Potential Concern (COPCs)

Three APECs were identified on the Site. A summary and description of the identified APECs and pertinent COPCs is provided below:

APEC 1 – Presence of ASTs On-site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), the Site has two ASTs. No evidence of staining, spills or odours were noted at the time of the Site reconnaissance. The COPCs are PHC F1-F4, BTEX, Metals, and PAHs in soil and groundwater.

APEC 2 – Use of Transformer

Through the review of information (Site reconnaissance), there is a pole mounted transformer on the north of the border. No evidence of staining on the pole below the transformer or stressed vegetation in the area. The COPCs are polychlorinated biphenyls (PCBs).

APEC 3 – Presence of ASTs adjacent to the subject site

Through the review of information (aerial photographs, Site reconnaissance, and Interview), 3085 Dunning has one AST located about 10m from the Subject Site. The AST was stated by Mr. Robert Laplante to be a furnace oil tank similar to that on the Subject Site. The COPCs are PHC F1-F4, BTEX, Metals, and PAHs in soil and groundwater.

6.4.10 Uncertainty and Absence of Information

There were no material deviations to the Phase One ESA requirements set out in O.Reg 153/04, as amended, that would cause uncertainty or absence of information that would affect the validity of the Phase One ESA CSM or the findings of this Phase One ESA.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information obtained and reviewed as part of this Phase One ESA, three APECs were identified at the Site. Based on the identification of APECs, it is recommended that a subsurface investigation be carried out to adequately characterize soil and groundwater conditions in support of the proposed works in accordance with O.Reg 153/04, as amended.

8.0 REFERENCES

ERIS Database Report, May 23, 2024. Phase One Environmental Site Assessment – 3043 Dunning Road, Ottawa, Ontario K0A 3E0. Order No 24050800827.

ERIS City Directory, May 31, 2024. Phase One Environmental Site Assessment – 3043 Dunning Road, Ottawa, Ontario K0A 3E0. Order No 240508200827.

Opta Information Intelligence Fire Insurance Plans and Insurance Report, May 5, 2024.

Ministry of the Environment, Conservation and Parks Freedom of Information, May 29, 2024.

City of Ottawa Historic Land Use Inventory, January 23, 2024.

ERIS Historical Aerials, May 23, 2024. Phase One Environmental Site Assessment – 3043 Dunning Road, Ottawa, Ontario K0A 3E0. Order No 24050800827.

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Ontario Geological Survey, 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 128 – Revised.

Ontario Ministry of the Environment (Waste Management Branch). January 1992. Ontario Inventory of PCB Storage Sites October 1991.

Treasury Board of Canada - Secretariat. Mapping of Federally Contaminated Sites Accessed March 2024.

Service Ontario, June 12, 2024. Parcel Register – 3043 Dunning Road. Order No 24050800827.

Public Information Services. TSSA Search for 3043 Dunning Road, May 28, 2024.

9.0 LIMITATIONS OF LIABILITY

The Phase One Environmental Site Assessment has been supervised and reviewed the qualified person. This Phase One ESA was carried out in general with Ontario Regulation 153/04 made under the Environmental Protection Act and meets the requirements of Part VII (Sections 23 to 31) and Schedule D of the regulation.

The results of this Phase One ESA should in no way be construed as a warranty that the Site is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of Laplante Poultry Farms Limited and is based on data and information collected during the Phase One ESA of the property conducted by GEMTEC. This report may not be relied upon by any other person or entity without the express written consent of GEMTEC and Laplante Poultry Farms Limited. In evaluating this Site, GEMTEC has relied in good faith on information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others.

The assessment of environmental conditions and possible site hazards presented has been made using the available historical and technical data collected and provided by others. The conclusions provided herein represent the best judgment of GEMTEC based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities.

The scope of the Phase One ESA is sufficient to identify existing and/or potential environmental liabilities that are obvious from visual examination of surface features and from available sources of information. This level of work is a method of risk reduction, not risk elimination. No building materials, water, liquid, gas, products or chemical sampling and/or testing on or in the vicinity of the Site was carried out as part of this assessment. The Phase One ESA does not include a program of intrusive observation/testing. These activities would be carried out as part of a Phase Two ESA. This environmental assessment included only a cursory overview of the neighbouring land uses from public right of ways and from the Site and does not constitute a complete assessment of the adjacent sites.

10.0 CLOSURE

The undersigned Qualified Person confirms that the Phase One ESA was conducted and/or supervised by the Qualified Person and that all findings and conclusions of the Phase One ESA are included in the report.

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

Sincerely,

Jeffrey Gauthier, B.Eng.
Environmental Technologist

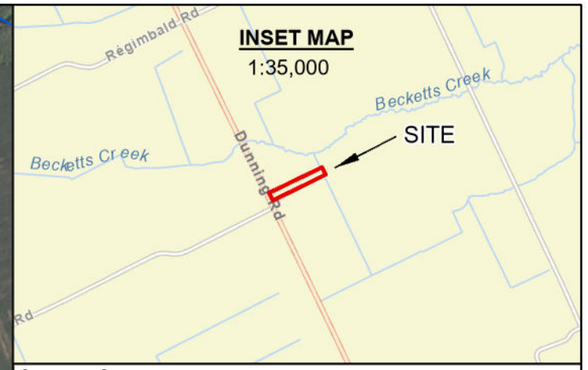
Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA}
Environmental Engineer



APPENDIX A

Figures





Legend

####	CIVIC ADDRESS NUMBER
BH##	NESTED WELL ID
	WATERCOURSE
	APPROXIMATE PROPERTY BOUNDARY
	250M RADIUS FROM PROPERTY BOUNDARY
	PARCEL BOUNDARY

NOTES:

1. Coordinate system: NAD 1983 UTM Zone 18N
2. Geographic dataset source: Ontario GeoHub.
3. Contains information licensed under the Open Government Licence – Ontario.
4. Contains information licensed under the Open Government Licence – City of Ottawa.
5. Service Layer Credits: World Street Map City of Ottawa, Province of Ontario, Ville de Gatineau, Esri Canada, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NRCan, Parks Canada
City of Ottawa 2022 Imagery

Scale:
1:3,000

0 30 60 120 180 240 Meters

Drawing
SITE AND PHASE ONE STUDY AREA

Client:
LAPLANTE POULTRY FARMS LIMITED

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CHICKEN PROCESSING PLANT
3043 DUNNING ROAD
OTTAWA, ONTARIO

Drwn By:	S.L.	Chkd By:	N.S.
Project No.	100117.056	Revision No.	0
Date	JUNE 2024	**FIGURE A.1**	

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Folder: N:\Projects\100100\100117.056\06_Civil Drafting\1. Drawings\ESA I R0\



Legend

- APPROXIMATE PROPERTY BOUNDARY
- 250m RADIUS FROM PROPERTY BOUNDARY
- PARCEL BOUNDARY

PCA #	DESCRIPTION
28	Gasoline and Associated Products Storage in Fixed Tanks
30	Importation of Fill Material of Unknown Quality
40	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
50	Transformer Manufacturing, Processing and Use

NOTES:

1. Coordinate system: NAD 1983 UTM Zone 18N
2. Geographic dataset source: Ontario GeoHub.
3. Contains information licensed under the Open Government Licence – Ontario.
4. Contains information licensed under the Open Government Licence – City of Ottawa.
5. Service Layer Credits:City of Ottawa 2022 Imagery

Scale:
1:3,000
0 30 60 120 180 240 Meters

Drawing
POTENTIALLY CONTAMINATING ACTIVITIES

Client:
LAPLANTE POULTRY FARMS LIMITED

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CHICKEN PROCESSING PLANT
3043 DUNNING ROAD
OTTAWA, ONTARIO

Drwn By:	S.L.	Chkd By:	N.S.
Project No.	100117.056	Revision No.	0
Date	JUNE 2024	**FIGURE A.2**	

GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, ON, K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Folder: N:\Projects\100100\100117.056\06_Civil Drafting\1. Drawings\ESA I R0\



Legend

APPROXIMATE PROPERTY BOUNDARY

PARCEL BOUNDARY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

APEC 1
APEC 2
APEC 3

APEC #	DESCRIPTION
APEC 1	Two above ground storage tanks identified on the subject site north of the existing chicken barn structure.
APEC 2	One pole mounted transformer identified on the subject site north of the existing chicken barn structure.
APEC 3	An above ground storage tank identified on the property adjacent south, approximately 10 m south of the Subject Site.

NOTES:

1. Coordinate system: NAD 1983 UTM Zone 18N
2. Geographic dataset source: Ontario GeoHub.
3. Contains information licensed under the Open Government Licence – Ontario.
4. Contains information licensed under the Open Government Licence – City of Ottawa.
5. Service Layer Credits:City of Ottawa 2022 Imagery

Scale:
1:1,500
0 15 30 60 90 120 Meters

Drawing
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Client:
LAPLANTE POULTRY FARMS LIMITED

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CHICKEN PROCESSING PLANT
3043 DUNNING ROAD
OTTAWA, ONTARIO

Drwn By:	S.L.	Chkd By:	N.S.
Project No.	100117.056	Revision No.	0
Date	JUNE 2024	**FIGURE A.3**	

GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, ON, K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Folder: N:\Projects\100100\100117.056\06_Civil Drafting\1. Drawings\ESA I R0\



Legend

- MECP WELL RECORDS
- APPROXIMATE PROPERTY BOUNDARY
- 250m RADIUS FROM PROPERTY BOUNDARY
- WATERCOURSE
- PARCEL BOUNDARY
- ELEVATION CONTOUR (IN METRES)

NOTES:

1. Coordinate system: NAD 1983 UTM Zone 18N
2. Geographic dataset source: Ontario GeoHub.
3. Contains information licensed under the Open Government Licence – Ontario.
4. Contains information licensed under the Open Government Licence – City of Ottawa.
5. Service Layer Credits:RVCA_Topography_Service Rideau Valley Conservation Authority (RVCA)
City of Ottawa 2022 Imagery

Scale:
1:2,000

0 30 60 120 180

Drawing
TOPOGRAPHIC MAP AND MECP WATER WELLS

Client:
LAPLANTE POULTRY FARMS LIMITED

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CHICKEN PROCESSING PLANT
3043 DUNNING ROAD
OTTAWA, ONTARIO

Drwn By:	S.L.	Chkd By:	N.S.
Project No.	100117.056	Revision No.	0
Date	JUNE 2024		**FIGURE A.4**

GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, ON, K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Folder: N:\Projects\100100\100117.056\06_Civil Drafting\1. Drawings\ESA I R0\

APPENDIX B

Qualification of Assessors

GEMTEC Consulting Engineers and Scientists Limited
32 Steacie Drive
Ottawa, ON, Canada
K2K 2A9
613.836.1422
ottawa@gemtec.ca
www.gemtec.ca

QUALIFICATION OF ASSESSORS

Jeffrey Gauthier, B.Eng – Environmental Technician

The primary assessor for this Phase One Environmental Site Assessment (ESA) was Mr. Jeffrey Gauthier, Junior Environmental Technician with GEMTEC. Jeffrey has Bachelor of Environmental Engineering with a specialization in contaminated sites. Mr. Gauthier's formal education and work experience in environmental consulting with GEMTEC has provided him with the knowledge and expertise to identify sources of environmental concern and evaluate their potential to cause adverse environmental impacts.

Nicole Soucy, M.Sc., P.Eng., QP_{ESA}– Environmental Engineer

The ESA was carried out under the supervision of Ms. Nicole Soucy, M.A.Sc., P.Eng., a registered Professional Engineer in the Province of Ontario and Qualified Person ESA (QP_{ESA}) under Ontario Regulation 153/04 and 406/19. Ms. Soucy has a Master of Applied Science with specialization in Environmental Engineering and vapour intrusion. Ms. Soucy's formal education and experience working in environmental consulting has provided her with the knowledge and expertise to identify sources of environmental concern and evaluate their potential to cause adverse environmental impacts.

APPENDIX C

Chain of Title

PROPERTY DESCRIPTION: PT LT 7 CON 4 CUMBERLAND PT 1, 4R11019; CUMBERLAND

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 14542-0241

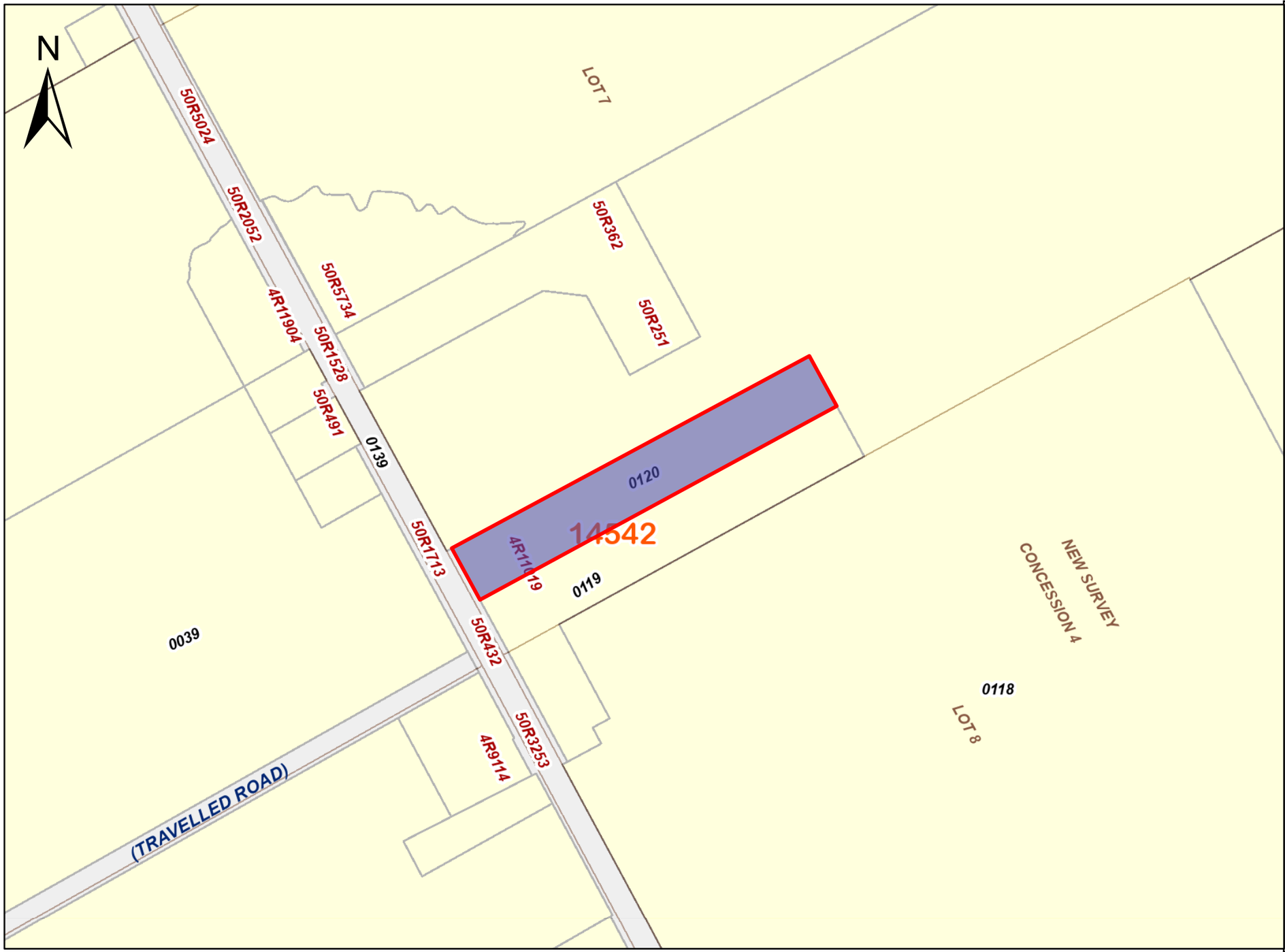
PIN CREATION DATE:
2000/01/21

OWNERS' NAMES
MEAT A CHICK FARM INC.

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/04/28 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 2000/01/21						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 2000/01/24 ***						
RR2392B	1961/12/06	BYLAW				C
RR88707Z	1984/05/03	REST COV APL ANNEX				C
4R11019	1995/01/31	PLAN REFERENCE				C
N718143	1995/04/20	TRANSFER	$208,092		MEAT A CHICK FARM INC.	C
N718146	1995/04/20	CHARGE	$336,900		FERME GERALD LAPLANTE ET FILS LTEE	C
N760857	1998/05/20	CHARGE	$495,000	MEAT A CHICK FARM INC.	CANADIAN IMPERIAL BANK OF COMMERCE	C
N760859	1998/05/20	POSTPONEMENT		FERME GERALD LAPLANTE ET FILS LTEE	CANADIAN IMPERIAL BANK OF COMMERCE	C
REMARKS: N718146 POSTPONED TO N760857						
N766296	1999/03/22	CHARGE	$818,160	MEAT A CHICK FARM INC.	FERME GERALD LAPLANTE ET FILS LTEE	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



ServiceOntario

PRINTED ON 12 JUN, 2024 AT 11:09:00
FOR EEGOOLAB

SCALE

0 30 60 90 120 150 180 meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

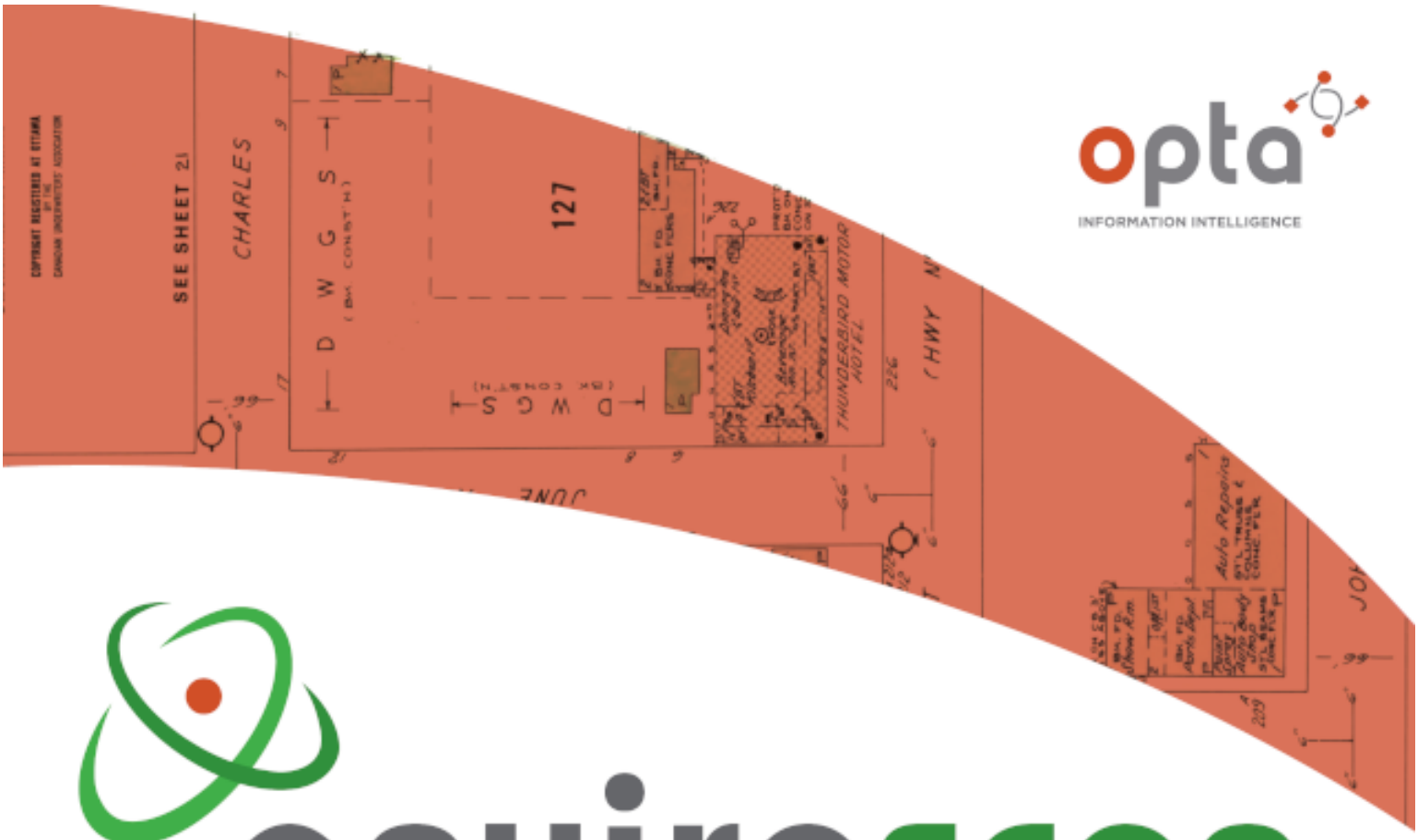
REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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APPENDIX D

Fire Insurance Plans and Reports



opta
INFORMATION INTELLIGENCE

enviroscan







175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Midori

Site Address:
3043 Dunning Road, Ottawa, ON

Project No:
24050800827

Opta Order ID:
144722

Requested by:
Eleanor Goolab
ERIS

Date Completed:
5/30/2024 5:55:46 PM

Project Name: 100117.056

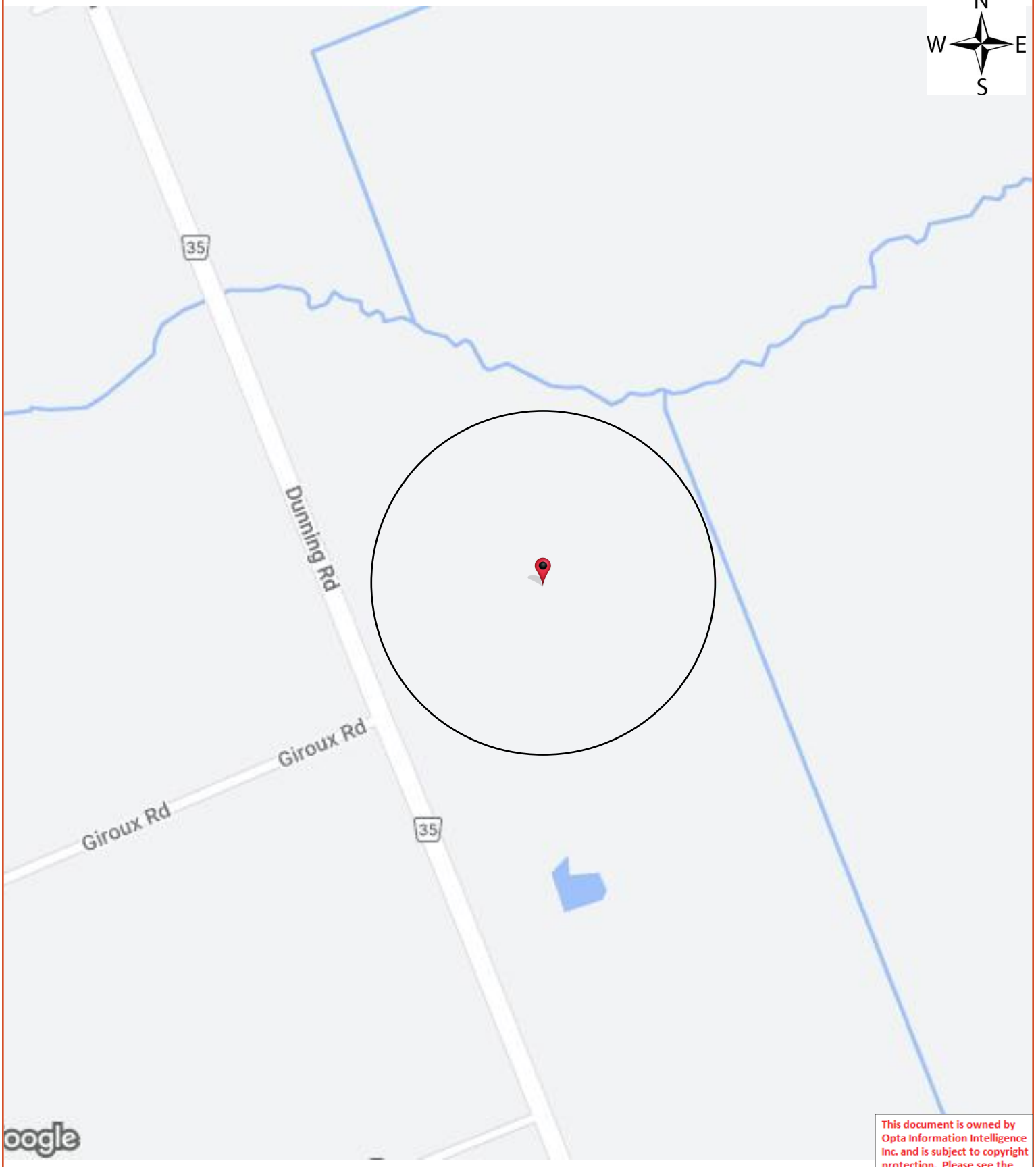
Project #: 24050800827

ENVIROSCAN Report

Search Area: 3043 Dunning Road, Ottawa, ON

Requested by:
Eleanor Goolab
Date Completed: 05/30/2024 17:55:46

enviroscan
OPTA INFORMATION INTELLIGENCE



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The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 05/30/2024 17:55:46

OPTA INFORMATION INTELLIGENCE

No Records Found

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N
W E
S

APPENDIX E

ERIS Report

DATABASE REPORT

Project Property:	*100117.056* *3043 Dunning Road* *Ottawa ON K0A 3E0*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24050800827*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Date Completed:	*May 23, 2024*

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

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Executive Summary

Property Information:

Project Property:	*100117.056* *3043 Dunning Road Ottawa ON K0A 3E0*
Project No:	

Order Information:

Order No:	*24050800827*
Date Requested:	*May 8, 2024*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - QUOTE Custom City Directory Search*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	6	6

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
Total:			1	8	9

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EASR	FERME AVICOLE LAPLANTE LTEE/LAPLANTE POULTRY FARMS LTD.	3043 Dunning RD sarsfield ON K0A 3E0	ENE/0.0	0.70	14

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	BORE		ON	WSW/26.2	-0.69	14
3	WWIS		lot 7 con 5 ON ***Well ID:*** 1515552	W/76.0	0.76	15
4	WWIS		lot 8 con 5 ON ***Well ID:*** 1513949	WSW/121.3	-0.69	19
5	WWIS		2570 GIROUX RD lot 8 con 5 SARSFIELD ON ***Well ID:*** 7299830	SW/132.1	-0.69	22
6	WWIS		lot 8 con 4 ON ***Well ID:*** 1516193	ESE/168.0	1.31	29
7	WWIS		lot 7 con 5 ON ***Well ID:*** 1512438	WNW/187.1	1.31	33
8	BORE		ON	SSW/216.0	-0.69	35
9	WWIS		lot 7 con 5 ON ***Well ID:*** 1513961	WNW/225.3	0.27	37

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.

Site	Address	Distance (m)	Map Key
	ON	26.2	2
	ON	216.0	8

EASR - Environmental Activity and Sector Registry

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

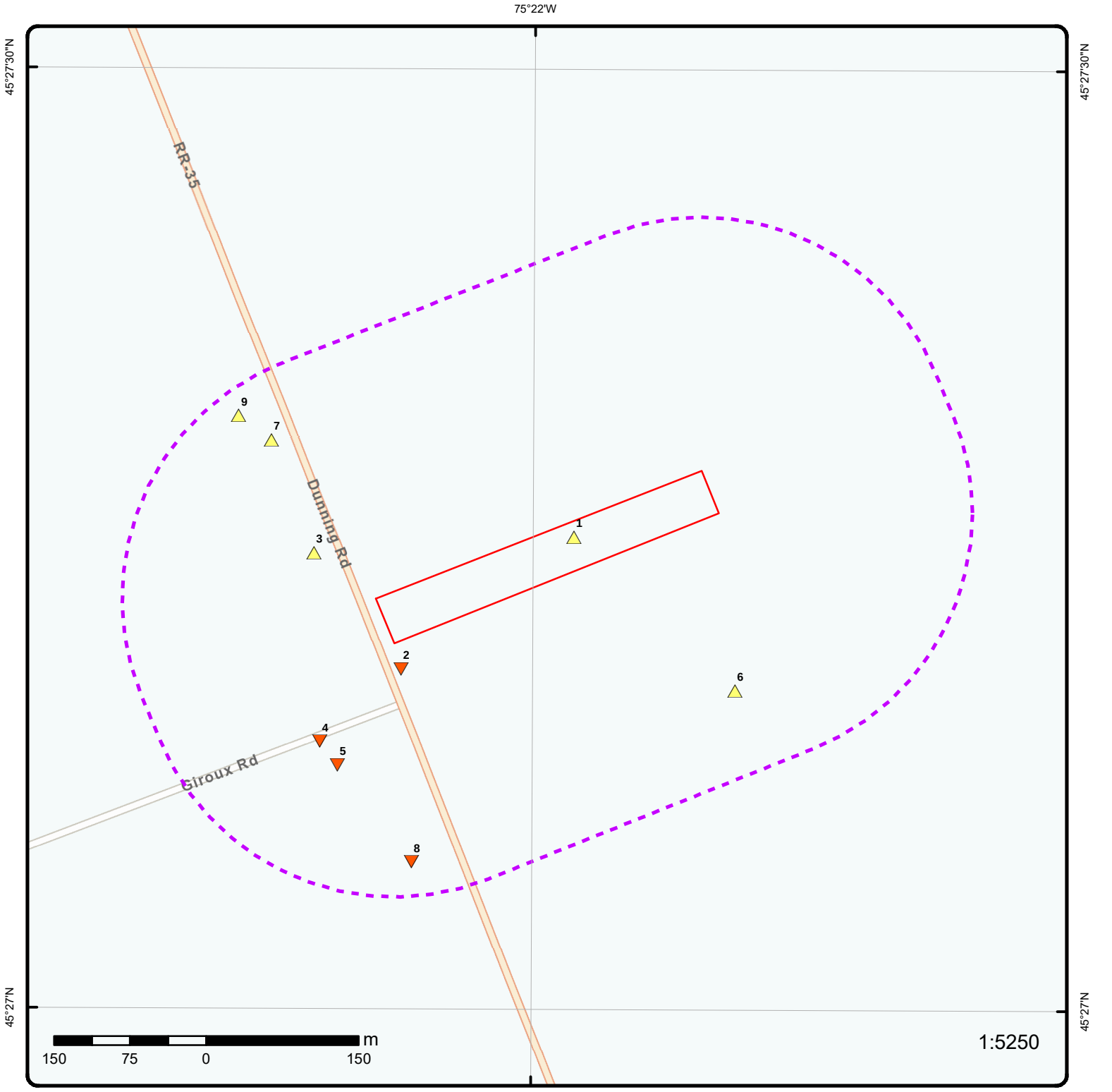
Site	Address	Distance (m)	Map Key
FERME AVICOLE LAPLANTE LTEE/LAPLANTE POULTRY FARMS LTD.	3043 Dunning RD sarsfield ON K0A 3E0	0.0	1

WWIS - Water Well Information System

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

Site	Address	Distance (m)	Map Key
	lot 7 con 5 ON ***Well ID:*** 1515552	76.0	3
	lot 8 con 5 ON ***Well ID:*** 1513949	121.3	4
	2570 GIROUX RD lot 8 con 5 SARSFIELD ON	132.1	5

Site	Address	Distance (m)	Map Key
	Well ID: 7299830		
	lot 8 con 4 ON	168.0	6
	Well ID: 1516193		
	lot 7 con 5 ON	187.1	7
	Well ID: 1512438		
	lot 7 con 5 ON	225.3	9
	Well ID: 1513961		



Map: 0.25 Kilometer Radius

Order Number: 24050800827

Address: 3043 Dunning Road, Ottawa, ON

ERIS

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

Source: © 2021 ESRI StreetMap Premium.

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75°22'30"W



Aerial

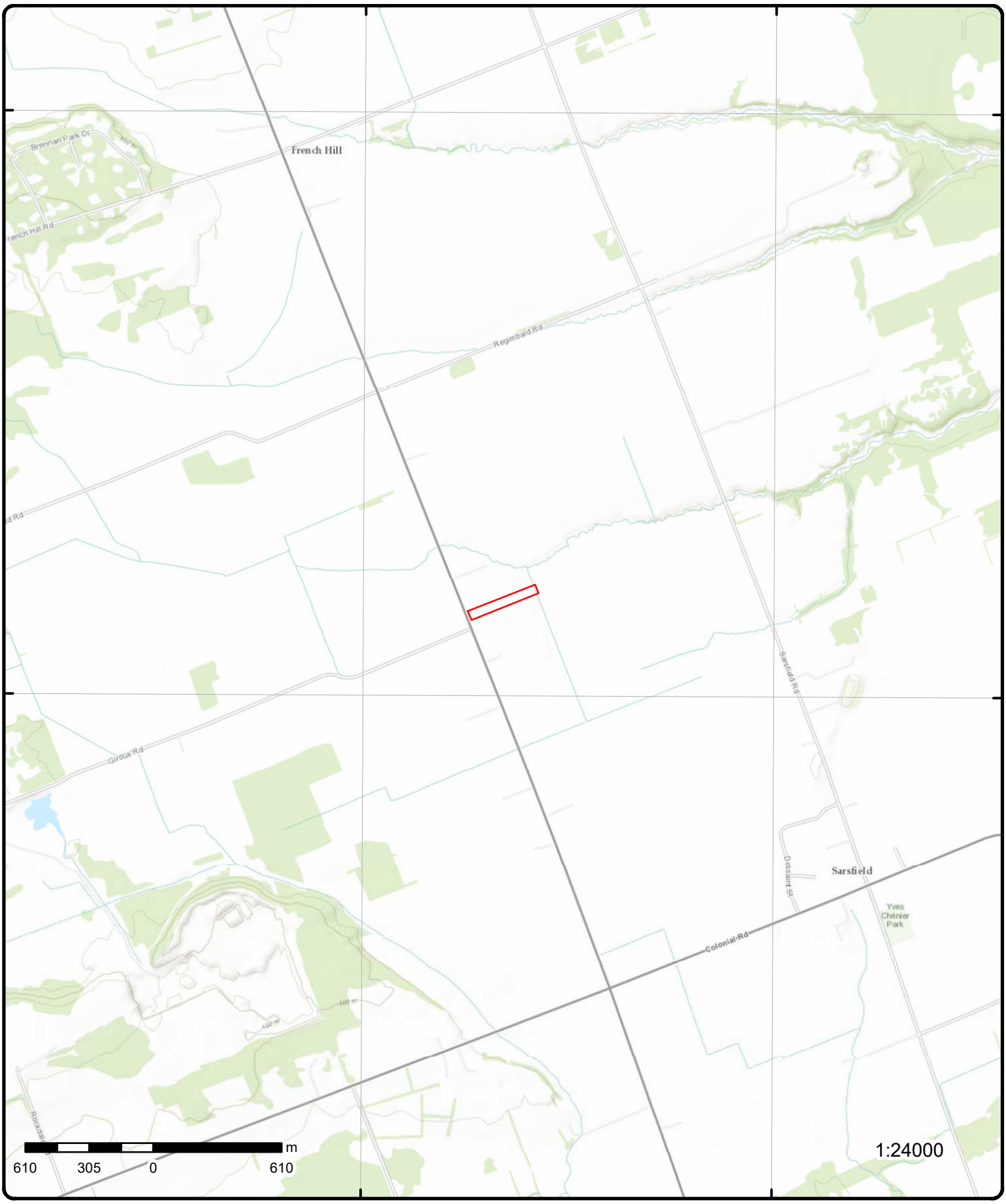
Year: 2023

Order Number: 24050800827

Address: 3043 Dunning Road, Ottawa, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 3043 Dunning Road, ON

Source: ESRI World Topographic Map

Order Number: 24050800827

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ENE/0.0	84.3 / 0.70	FERME AVICOLE LAPLANTE LTEE/LAPLANTE POULTRY FARMS LTD. 3043 Dunning RD sarsfield ON K0A 3E0	EASR

Approval No: R-011-1265325587
Status: REGISTERED
Date: January 22, 2024
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Pumping Test
Full Address:
MOE District: Ottawa
Municipality: sarsfield
Latitude: 45.45388889
Longitude: -75.36638889
Geometry X: -8389748.034
Geometry Y: 5693262.2907999959

Approval Type: EASR-Water Taking - Pumping Test
SWP Area Name: Rideau Valley
PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=3276040
PDF Site Location: 3043 Dunning Road
sarsfield ON K0A 3E0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WSW/26.2	82.9 / -0.69	ON	BORE

Borehole ID: 617264
OGF ID: 215517923
Status:
Type: Borehole
Use:
Completion Date: AUG-1970
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 87.8
Elev Reliabil Note:
DEM Ground Elev m: 87.4
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.453012
Longitude DD: -75.368315
UTM Zone: 18
Easting: 471201
Northing: 5033342
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218405976
Top Depth: 0
Bottom Depth: 2.1
Material Color:
Material 1: Unknown
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Stratum Description: UNSPECIFIED. SEISMIC VELOCITY = 800.

Geology Stratum ID: 218405978
Top Depth: 15.5
Bottom Depth:
Material Color: Grey
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: BEDROCK. SEISMIC VELOCITY = 18000. BEDROCK. SEISMIC VELOCITY = 17000. GREY,SOUND. 0005
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218405977
Top Depth: 2.1
Bottom Depth: 15.5
Material Color:
Material 1: Unknown
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: UNSPECIFIED. SEISMIC VELOCITY = 5300.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: L
Observatio:
Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 09772 NTS_Sheet:
Confiden 1: Gives some indication of sub-surface condition but material is unknown.

Source List

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

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3 | **1 of 1** | **W/76.0** | **84.3 / 0.76** | **lot 7 con 5 ON** | **WWIS**

Well ID: 1515552
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/12/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession: 05
Concession Name: CON
Easting NAD83:

Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515552.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/17/1974
Year Completed: 1974
Depth (m): 15.24
Latitude: 45.4540411792517
Longitude: -75.3694216478507
X: -75.36942148530723
Y: 45.4540411716167
Path: 151\1515552.pdf

Bore Hole Information

Bore Hole ID: 10037498
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/17/1974
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 471114.80
North83: 5033457.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931029518
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931029519
Layer: 3
Color: 2
General Color: GREY

Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	28
Material 2 Desc:	SAND
Material 3:	13
Material 3 Desc:	BOULDERS
Formation Top Depth:	38.0
Formation End Depth:	41.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029517
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029520
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	41.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515552
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10586068
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066153

Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930066152
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 41.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991515552
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 5.0
Recommended Pump Depth: 20.0
Pumping Rate: 25.0
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: 10
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934101015
Test Type: Draw Down
Test Duration: 15
Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647376
Test Type: Draw Down
Test Duration: 45
Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896085
Test Type: Draw Down
Test Duration: 60

Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377083
Test Type: Draw Down
Test Duration: 30
Test Level: 5.0
Test Level UOM: ft

Water Details

Water ID: 933471676
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43.0
Water Found Depth UOM: ft

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4 | **1 of 1** | **WSW/121.3** | **82.9 / -0.69** | **lot 8 con 5 ON** | **WWIS**

Well ID: 1513949
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03/18/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession: 05
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513949.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/21/1973
Year Completed: 1973
Depth (m): 23.1648
Latitude: 45.4523672372241
Longitude: -75.3693339854706
X: -75.36933382248156
Y: 45.452367229934694
Path: 151\1513949.pdf

Bore Hole Information

Bore Hole ID: 10035931
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 18

Code OB:		***East83:***	471120.80
Code OB Desc:		***North83:***	5033271.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/21/1973	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931024878
Layer: 1
Color: 5
General Color: YELLOW
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931024879
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931024880
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 76.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513949
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10584501
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063491
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 76.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991513949
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934380795
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641788
Test Type: Recovery

Test Duration:	45
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899258
Test Type:	Recovery
Test Duration:	60
Test Level:	10.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099721
Test Type:	Recovery
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

Water Details

Water ID:	933469703
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

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5 | ***1 of 1*** | ***SW/132.1*** | ***82.9 / -0.69*** | ***2570 GIROUX RD lot 8 con 5 SARSFIELD ON*** | ***WWIS***

Well ID:	7299830	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	11/27/2017
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z259728	**Contractor:**	7417
Tag:	A227515	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	05
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7299830.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/24/2017
Year Completed:	2017
Depth (m):	23.2
Latitude:	45.4521609246869
Longitude:	-75.3691126700592

X: -75.36911250733083
Y: 45.452160917645756
Path: 729\7299830.pdf

Bore Hole Information

Bore Hole ID: 1006823047
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/24/2017
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 471138.00
North83: 5033248.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006920605
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 3.9000000953674316
Formation End Depth: 16.700000762939453
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006920604
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 3.9000000953674316
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006920606
Layer: 3

Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	16.700000762939453
Formation End Depth:	21.899999618530273
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006920607
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	74
Material 3 Desc:	LAYERED
Formation Top Depth:	21.899999618530273
Formation End Depth:	23.200000762939453
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006920642
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006920641
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1006920602
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006920611
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.6000000238418579
Depth To:	21.899999618530273
Casing Diameter:	15.550000190734863

Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1006920612
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 21.899999618530273
Depth To: 23.200000762939453
Casing Diameter: 15.550000190734863
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006920613
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1006920603
Pump Set At: 22.0
Static Level: 2.5799999237060547
Final Level After Pumping: 3.049999952316284
Recommended Pump Depth: 20.0
Pumping Rate: 68.0
Flowing Rate:
Recommended Pump Rate: 68.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1006920635
Test Type: Recovery
Test Duration: 40
Test Level: 2.5899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920619
Test Type: Recovery
Test Duration: 3
Test Level: 2.619999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920639
Test Type: Recovery
Test Duration: 60
Test Level: 2.5899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920622
Test Type: Draw Down
Test Duration: 5
Test Level: 2.9700000286102295
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920626
Test Type: Draw Down
Test Duration: 15
Test Level: 2.990000009536743
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920630
Test Type: Draw Down
Test Duration: 25
Test Level: 2.990000009536743
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920638
Test Type: Draw Down
Test Duration: 60
Test Level: 3.049999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920616
Test Type: Draw Down
Test Duration: 2
Test Level: 2.9600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920621
Test Type: Recovery
Test Duration: 4
Test Level: 2.619999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920627
Test Type: Recovery
Test Duration: 15
Test Level: 2.5999999046325684
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920636
Test Type: Draw Down
Test Duration: 50
Test Level: 3.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920637
Test Type: Recovery
Test Duration: 50
Test Level: 2.5899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920624
Test Type: Draw Down
Test Duration: 10
Test Level: 2.9800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920625
Test Type: Recovery
Test Duration: 10
Test Level: 2.609999895095825
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920628
Test Type: Draw Down
Test Duration: 20
Test Level: 2.990000009536743
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920632
Test Type: Draw Down
Test Duration: 30
Test Level: 2.990000009536743
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920634
Test Type: Draw Down
Test Duration: 40
Test Level: 2.990000009536743

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920614
Test Type: Draw Down
Test Duration: 1
Test Level: 2.9600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920629
Test Type: Recovery
Test Duration: 20
Test Level: 2.5999999046325684
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920631
Test Type: Recovery
Test Duration: 25
Test Level: 2.5899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920633
Test Type: Recovery
Test Duration: 30
Test Level: 2.5899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920615
Test Type: Recovery
Test Duration: 1
Test Level: 2.6600000858306885
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920617
Test Type: Recovery
Test Duration: 2
Test Level: 2.640000104904175
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920620
Test Type: Draw Down
Test Duration: 4
Test Level: 2.9700000286102295
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920623
Test Type: Recovery
Test Duration: 5
Test Level: 2.609999895095825
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006920618
Test Type: Draw Down
Test Duration: 3
Test Level: 2.9700000286102295
Test Level UOM: m

Water Details

Water ID: 1006920610
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 22.0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006920608
Diameter: 24.899999618530273
Depth From: 0.0
Depth To: 6.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1006920609
Diameter: 15.550000190734863
Depth From: 6.0
Depth To: 23.200000762939453
Hole Depth UOM: m
Hole Diameter UOM: cm

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6 | ***1 of 1*** | ***ESE/168.0*** | ***84.9 / 1.31*** | ***lot 8 con 4 ON*** | ***WWIS***

Well ID: 1516193
Construction Date:
Use 1st: Livestock
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/19/1977
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1365
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516193.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/25/1977
Year Completed: 1977
Depth (m): 22.86
Latitude: 45.4528340812872
Longitude: -75.36410631729
X: -75.36410615474016
Y: 45.45283407391523
Path: 151\1516193.pdf

Bore Hole Information

Bore Hole ID:	10038123	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	471529.80
Code OB Desc:		***North83:***	5033321.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08/25/1977	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931031398
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931031399
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL

Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	57.0
Formation End Depth:	66.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931031400
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	66.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961516193
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10586693
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067099
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930067098
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	66.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991516193
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 50.0
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934379753
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934640848
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934898332
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101719
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933472447
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 66.0

Water Found Depth UOM: ft

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7 | **1 of 1** | **WNW/187.1** | **84.9 / 1.31** | **lot 7 con 5 ON** | **WWIS**

Well ID:	1512438	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	04/24/1973
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	05
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CUMBERLAND TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512438.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/29/1972
Year Completed: 1972
Depth (m): 12.192
Latitude: 45.4550385622722
Longitude: -75.3699627625056
X: -75.36996260052646
Y: 45.4550385545409
Path: 151\1512438.pdf

Bore Hole Information

Bore Hole ID:	10034429	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	471073.00
Code OB Desc:		**North83:**	5033568.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	09/29/1972	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931020656

Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020657
Layer:	2
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512438
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10582999
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061024
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	40.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991512438
Pump Set At:	

Static Level:	3.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	20.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934377475
Test Type:	Draw Down
Test Duration:	30
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647800
Test Type:	Draw Down
Test Duration:	45
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895956
Test Type:	Draw Down
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934098776
Test Type:	Draw Down
Test Duration:	15
Test Level:	10.0
Test Level UOM:	ft

Water Details

Water ID:	933467894
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	***1 of 1***	***SSW/216.0***	***82.9 / -0.69***	***ON***	***BORE***

Borehole ID:	617263	***Inclin FLG:***	No
OGF ID:	215517922	***SP Status:***	Initial Entry

Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1965	**Municipality:**	
Static Water Level:	15.2	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.451302
Total Depth m:	-999	**Longitude DD:**	-75.368176
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	471211
Drill Method:		**Northing:**	5033152
Orig Ground Elev m:	85.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	86.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218405974	**Mat Consistency:**	
Top Depth:	10.7	**Material Moisture:**	
Bottom Depth:	27.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218405973	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	10.7	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218405975	**Mat Consistency:**	
Top Depth:	27.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. GREY, WATER STABLE AT 230.0 FEET.= 6300. BEDROCK. SEISMIC VELOCITY = 20000. BEDRO **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 097710 NTS_Sheet: 31G06		

Confiden 1: Reliable information but incomplete.

Source List

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

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9 | **1 of 1** | **WNW/225.3** | **83.9 / 0.27** | **lot 7 con 5 ON** | **WWIS**

Well ID: 1513961
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03/18/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession: 05
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513961.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/26/1973
Year Completed: 1973
Depth (m): 6.096
Latitude: 45.4552532521533
Longitude: -75.3703759908829
X: -75.37037582809678
Y: 45.45525324470172
Path: 151\1513961.pdf

Bore Hole Information

Bore Hole ID: 10035943
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/26/1973
Remarks:
Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Elevation:
Elevrc:
Zone: 18
East83: 471040.80
North83: 5033592.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

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

Overburden and Bedrock Materials Interval

Formation ID: 931024917
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931024916
Layer: 1
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513961
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10584513
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063504
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 20.0

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

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991513961
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934641800
Test Type: Recovery
Test Duration: 45
Test Level: 3.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899270
Test Type: Recovery
Test Duration: 60
Test Level: 3.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099733
Test Type: Recovery
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380807
Test Type: Recovery
Test Duration: 30
Test Level: 3.0
Test Level UOM: ft

Water Details

Water ID: 933469715
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	20.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 54 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MARK TEKENOS-LEVY	LOT 7 CONC. 4	CUMBERLAND TWP. ON	
CA	CUMBERLAND TWP.	REGIONAL RD. 35	CUMBERLAND TWP. ON	
DTNK	MAURICE BOURGEOIS	DUNNING RD	CUMBERLAND ON	
ECA	Humanics Universal Inc.	Part of Lot 7	Ottawa ON	K4A 1Z6
PRT	MAURICE BOURGEOIS	DUNNINGS RD	CUMBERLAND ON	
PTTW	Burnside Sand & Gravel Limited	Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA	ON	
WWIS		con 4	ON	
WWIS		lot 8	ON	
WWIS		con 4	ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 8	ON	
WWIS		lot 7	ON	

WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	con 5	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 7	ON
WWIS	lot 8	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 8	ON
WWIS	lot 8	ON

WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 7	ON
WWIS	con 4	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 7	ON
WWIS	lot 7	ON
WWIS	lot 7	ON

Unplottable Report

Site: ***MARK TEKENOS-LEVY***
LOT 7 CONC. 4 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #:	4-0079-89-906
Application Year:	89
Issue Date:	6/5/90
Approval Type:	Industrial wastewater
Status:	Received in 1989, Issued in 1990
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	FISH FARM
Contaminants:	
Emission Control:	

Site: ***CUMBERLAND TWP.***
REGIONAL RD. 35 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #:	8-4017-88-
Application Year:	88
Issue Date:	3/25/1988
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	KITCHEN EXHAUST
Contaminants:	Odour/Fumes
Emission Control:	No Controls

Site: ***MAURICE BOURGEOIS***
DUNNING RD CUMBERLAND ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9889612	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	397469	***Facility Location:***	
Instance Type:	FS Facility	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	

Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Refill Cntr - Cylr Fill
Original Source: EXP
Record Date: Up to Mar 2012

Tank Underground:
Source:

Site: ***Humanics Universal Inc.***
Part of Lot 7 Ottawa ON K4A 1Z6

Database: ***ECA***

Approval No: 2541-AK4T53
Approval Date: 2017-03-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Humanics Universal Inc.
Address: Part of Lot 7
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6813-AA2NAF-14.pdf
PDF Site Location:

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

Site: ***MAURICE BOURGEOIS***
DUNNINGS RD CUMBERLAND ON

Database: ***PRT***

Location ID: 19443
Type: retail
Expiry Date: 1993-01-31
Capacity (L): 2000
Licence #: 0076345461

Site: ***Burnside Sand & Gravel Limited***
Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No: 011-7053
Ministry Ref No: 7358-8XFPY5
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 04, 2012
Proposal Date: August 27, 2012
Year: 2012
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Burnside Sand & Gravel Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Burnside Sand & Gravel Limited, 5597 Power Road, Ottawa Ontario, Canada K1G 3N4
Comment Period:
URL:

Site Location Details:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site:
con 4 ON

Database:
WWIS

Well ID:	1519677	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/21/1985
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041530	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/06/1985	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931042371
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931042373
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 36.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042374
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 78.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042372
Layer: 2
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 36.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519677
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590100
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072517
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 78.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519677
Pump Set At:
Static Level: 9.0
Final Level After Pumping: 61.0
Recommended Pump Depth: 74.0
Pumping Rate: 13.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108589
Test Type: Draw Down
Test Duration: 15
Test Level: 56.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383880
Test Type: Draw Down
Test Duration: 30
Test Level: 61.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653860
Test Type: Draw Down
Test Duration: 45
Test Level: 61.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894620
Test Type: Draw Down
Test Duration: 60
Test Level: 61.0
Test Level UOM: ft

Water Details

Water ID:	933476715
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1500396	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/26/1948
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1107
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	JG
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY (GLOUCESTER)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10022441	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/29/1947	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930989161
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	28.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989162
Layer: 2
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2: 19
Material 2 Desc: SLATE
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500396
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571011
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037816
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500396
Pump Set At:
Static Level: 6.0

Final Level After Pumping:	6.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933452913
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	51.0
Water Found Depth UOM:	ft

Site:

con 4 ON

Database: ***WWIS***

Well ID:	1517344	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	09/02/1980
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1517
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10039219	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/25/1980	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931034869
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	57.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034868
Layer:	3
Color:	8
General Color:	BLACK
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034866
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034867
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	42.0
Formation End Depth:	50.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961517344
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10587789
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991517344
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 8.0
Recommended Pump Depth: 40.0
Pumping Rate: 60.0
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: 934644778
Test Type:
Test Duration: 45
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383699
Test Type:
Test Duration: 30
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102857
Test Type:
Test Duration: 15
Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894470
Test Type:
Test Duration: 60
Test Level: 8.0
Test Level UOM: ft

Water Details

Water ID: 933473792
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1532491
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 240298
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/24/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10516941
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/17/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932833000
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 205.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932832999
Layer: 1
Color: 6
General Color: BROWN
Material 1: 34
Material 1 Desc: TILL
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933219925
Layer: 1
Plug From: 0.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532491
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11065511
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930094936
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930094937
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930094938
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991532491
Pump Set At:
Static Level: 60.0
Final Level After Pumping: 200.0
Recommended Pump Depth: 180.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934401040
Test Type: Recovery
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934661007

Test Type: Recovery
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934917753
Test Type: Recovery
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934116872
Test Type: Recovery
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 934008705
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 192.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1531629
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 199446
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/04/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053163
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/11/1999
Remarks:

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

Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931079078
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 72.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079076
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079077
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116800
Layer: 1
Plug From: 0.0

Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531629
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601733
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093096
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531629
Pump Set At:
Static Level: 23.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 70.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934114040
Test Type: Recovery
Test Duration: 15
Test Level: 39.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915065
Test Type: Recovery
Test Duration: 60
Test Level: 23.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397656
Test Type: Recovery
Test Duration: 30
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658174
Test Type: Recovery
Test Duration: 45
Test Level: 28.0
Test Level UOM: ft

Water Details

Water ID: 933492167
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database: ***WWIS***

Well ID: 1531482
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 221354
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053016
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/13/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931078624
Layer: 4
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078621
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078622
Layer: 2
Color: 5
General Color: YELLOW
Material 1: 28
Material 1 Desc: SAND
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078625
Layer: 5
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE

Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078623
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116654
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531482
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601586
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092784
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092785

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

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531482
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 52.0
Pumping Rate: 72.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112928
Test Type: Recovery
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934657618
Test Type: Recovery
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397100
Test Type: Recovery
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914509
Test Type: Recovery
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933491954

Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1531453
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 222439
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052987
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/21/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931078526
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931078527
Layer:	2
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	250.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931078528
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	250.0
Formation End Depth:	278.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933116624
Layer:	1
Plug From:	0.0
Plug To:	70.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531453
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10601557
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930092734
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	

Depth To:
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092735
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531453
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 200.0
Recommended Pump Depth: 100.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934657590
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112900
Test Type: Recovery
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914481
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397072

Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933491916
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 278.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1531173
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206810
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052707
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/16/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931077732
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY

Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077734
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 47.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077733
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077735
Layer: 4
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 57.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116345
Layer: 1
Plug From: 0.0

Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531173
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601277
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092143
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 61.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092142
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991531173
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 56.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934121141
Test Type: Recovery
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913406
Test Type: Recovery
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665278
Test Type: Recovery
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396552
Test Type: Recovery
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933491537
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1530818
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206767
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052352
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/15/1999
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931076683
Layer: 4
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 47.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076682
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 25.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076680
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076681
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115978
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530818
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10600922
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091403
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091402
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 47.0

Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991530818
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 65.0
Pumping Rate: 9.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934903320
Test Type: Recovery
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934119449
Test Type: Recovery
Test Duration: 15
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934663588
Test Type: Recovery
Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386187
Test Type: Recovery
Test Duration: 30
Test Level: 22.0
Test Level UOM: ft

Water Details

Water ID: 933491079
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1530510	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/06/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	191086	***Contractor:***	6006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10052045	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04/30/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075743
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	53.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931075742
Layer:	3

Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 30.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075740
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075741
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115660
Layer: 1
Plug From: 0.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530510
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600615
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090782
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930090781
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 53.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991530510
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 53.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934118902
Test Type: Recovery
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385078
Test Type: Recovery
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934663041
Test Type:	Recovery
Test Duration:	45
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902211
Test Type:	Recovery
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

Water Details

Water ID:	933490674
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1530385	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/01/1998
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	171938	***Contractor:***	3749
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10051920	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04/15/1998	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931075336
Layer: 1
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 435.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115529
Layer: 1
Plug From: 46.0
Plug To: 4.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530385
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10600490
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090528
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 435.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930090527
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 45.0

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

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991530385
Pump Set At:
Static Level: 62.0
Final Level After Pumping: 435.0
Recommended Pump Depth: 400.0
Pumping Rate: 1.0
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934911056
Test Type: Recovery
Test Duration: 60
Test Level: 263.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662512
Test Type: Recovery
Test Duration: 45
Test Level: 291.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118374
Test Type: Recovery
Test Duration: 15
Test Level: 379.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393362
Test Type: Recovery
Test Duration: 30
Test Level: 307.0
Test Level UOM: ft

Water Details

Water ID: 933490490
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 240.0
Water Found Depth UOM: ft

Water Details

Water ID:	933490491
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	381.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933490492
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	405.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1530272	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/06/1998
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	191059	***Contractor:***	6006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10051807	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/26/1998	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931075018
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075021
Layer: 4
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 47.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075022
Layer: 5
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075019
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931075020
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	47.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115404
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530272
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10600377
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930090276
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930090277
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	55.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991530272
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	45.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934117863
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934662418
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934392847
Test Type:	Recovery
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934910964
Test Type:	Recovery
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933490340
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1530016
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 191004
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/11/1998
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051551
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/15/1998
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931074210
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931074211
Layer: 2
Color: 2
General Color: GREY
Material 1: 15

Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 515.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115132
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530016
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600121
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089812
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 515.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930089811
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991530016
Pump Set At:
Static Level: 70.0
Final Level After Pumping: 75.0

Recommended Pump Depth: 475.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934661368
Test Type: Recovery
Test Duration: 45
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392210
Test Type: Recovery
Test Duration: 30
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934117232
Test Type: Recovery
Test Duration: 15
Test Level: 75.0
Test Level UOM: ft

Water Details

Water ID: 933490027
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 260.0
Water Found Depth UOM: ft

Water Details

Water ID: 933490028
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 425.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database: ***WWIS***

Well ID: 1529779
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/11/1997
Selected Flag: TRUE

Casing Material:
Audit No: 184946
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051314
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/23/1997
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931073803
Layer: 4
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 49.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073802
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 49.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073800
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073801
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114848
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529779
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10599884
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089586
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930089587
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991529779
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 60.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934660854
Test Type: Recovery
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391692
Test Type: Recovery
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909810
Test Type: Recovery
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934116718
Test Type:	Recovery
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933489835
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1528654	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	08/03/1995
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	163353	***Contractor:***	1414
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10050190	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	07/28/1995	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931070380
Layer:	2
Color:	2

General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 164.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070379
Layer: 1
Color: 2
General Color: GREY
Material 1: 34
Material 1 Desc: TILL
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113571
Layer: 1
Plug From: 0.0
Plug To: 44.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528654
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598760
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087731
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 164.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930087730
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991528654
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	160.0
Recommended Pump Depth:	150.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	4.0
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:	934388815
Test Type:	Recovery
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934906514
Test Type:	Recovery
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649332
Test Type:	Recovery
Test Duration:	45
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934105189
Test Type:	Recovery
Test Duration:	15
Test Level:	102.0
Test Level UOM:	ft

Water Details

Water ID:	933488452
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	155.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1528317	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/16/1994
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	134544	***Contractor:***	6587
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10049856	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/30/1994	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931069267
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0

Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069271
Layer: 5
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 71.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069268
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069270
Layer: 4
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069269
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 85
Material 2 Desc: SOFT

Material 3:
Material 3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113192
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528317
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10598426
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087146
Layer: 1
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

Construction Record - Casing

Casing ID: 930087147
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991528317
Pump Set At:
Static Level: 31.0
Final Level After Pumping: 36.0
Recommended Pump Depth: 63.0
Pumping Rate: 18.0
Flowing Rate:

Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387762
Test Type: Recovery
Test Duration: 30
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905882
Test Type: Recovery
Test Duration: 60
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648277
Test Type: Recovery
Test Duration: 45
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104137
Test Type: Recovery
Test Duration: 15
Test Level: 31.0
Test Level UOM: ft

Water Details

Water ID: 933487963
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1528145
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 134546
Tag:
Constructn Method:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/16/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6587
Form Version: 1
Owner:

Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049684
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/07/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931068718
Layer: 5
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068716
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 87.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931068717
Layer:	4
Color:	8
General Color:	BLACK
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	87.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931068714
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	85
Material 3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931068715
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	85
Material 3 Desc:	SOFT
Formation Top Depth:	7.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933112999
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528145
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10598254
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086832
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 97.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086833
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 98.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991528145
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 75.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656540
Test Type: Recovery
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387212

Test Type: Recovery
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112403
Test Type: Recovery
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905332
Test Type: Recovery
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933487732
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1527311
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 127133
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/30/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048974
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/13/1993
Remarks:

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

Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931066333
Layer: 1
Color: 6
General Color: BROWN
Material 1: 34
Material 1 Desc: TILL
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931066334
Layer: 2
Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 333.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112369
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527311
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10597544
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085506
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085507
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 333.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991527311
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 330.0
Recommended Pump Depth: 310.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934903098
Test Type: Draw Down
Test Duration: 60
Test Level: 330.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384980
Test Type: Draw Down
Test Duration: 30
Test Level: 250.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110161

Test Type: Draw Down
Test Duration: 15
Test Level: 175.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654305
Test Type: Draw Down
Test Duration: 45
Test Level: 330.0
Test Level UOM: ft

Water Details

Water ID: 933486745
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 190.0
Water Found Depth UOM: ft

Site:
con 5 ON

Database: ***WWIS***

Well ID: 1526521
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 121145
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/25/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 05
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048220
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/15/1992
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931064404
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 78
Material 2 Desc: MEDIUM-GRAINED
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 4.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064403
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2: 26
Material 2 Desc: ROCK
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111763
Layer: 1
Plug From: 6.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526521
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596790
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084431
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To: 42.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991526521
Pump Set At:
Static Level: 46.0
Final Level After Pumping: 84.0
Recommended Pump Depth: 100.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934652046
Test Type: Draw Down
Test Duration: 45
Test Level: 84.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909662
Test Type: Draw Down
Test Duration: 60
Test Level: 84.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107896
Test Type: Draw Down
Test Duration: 15
Test Level: 53.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391528
Test Type: Draw Down
Test Duration: 30
Test Level: 71.0
Test Level UOM: ft

Water Details

Water ID: 933485863
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 105.0

Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1526066
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100580
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/04/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3701
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047801
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/18/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931063124
Layer: 2
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 74
Material 2 Desc: LAYERED
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 40.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063123

Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526066
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596371
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083681
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991526066
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 30.0
Pumping Rate: 16.0
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:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389879
Test Type:
Test Duration: 30

Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650402
Test Type:
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106245
Test Type:
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908020
Test Type:
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933485250
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485251
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database: ***WWIS***

Well ID: 1526065
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100587
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/04/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3701
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

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

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047800
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/29/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931063122
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 278.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063121
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111513
Layer: 1
Plug From: 0.0
Plug To: 40.0

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526065
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596370
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083680
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991526065
Pump Set At:
Static Level: 75.0
Final Level After Pumping: 250.0
Recommended Pump Depth: 260.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934650401
Test Type:
Test Duration: 45
Test Level: 250.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389878
Test Type:
Test Duration: 30
Test Level: 200.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908019
Test Type:
Test Duration: 60
Test Level: 250.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106244
Test Type:
Test Duration: 15
Test Level: 125.0
Test Level UOM: ft

Water Details

Water ID: 933485247
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 200.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485248
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 250.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485249
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 265.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database: ***WWIS***

Well ID: 1526064
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100566
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/04/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3701
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047799
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/19/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931063119
Layer: 3
Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063117
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3: 01
Material 3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063120
Layer: 4
Color: 2
General Color: GREY
Material 1: 26

Material 1 Desc: ROCK
Material 2: 15
Material 2 Desc: LIMESTONE
Material 3:
Material 3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 253.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063118
Layer: 2
Color: 2
General Color: GREY
Material 1: 26
Material 1 Desc: ROCK
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526064
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596369
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083679
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991526064
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 175.0
Recommended Pump Depth: 225.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft

Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389877
Test Type: Draw Down
Test Duration: 30
Test Level: 165.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106243
Test Type: Draw Down
Test Duration: 15
Test Level: 155.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650400
Test Type: Draw Down
Test Duration: 45
Test Level: 175.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908018
Test Type: Draw Down
Test Duration: 60
Test Level: 175.0
Test Level UOM: ft

Water Details

Water ID: 933485246
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 253.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485244
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 195.0
Water Found Depth UOM: ft

Water Details

Water ID: 933485245
Layer: 2
Kind Code: 1

Kind:	FRESH
Water Found Depth:	225.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1525343	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/04/1991
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	67192	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047081	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/08/1990	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931060838
Layer:	2
Color:	3
General Color:	BLUE
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	187.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931060837
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060839
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 187.0
Formation End Depth: 206.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111158
Layer: 1
Plug From: 0.0
Plug To: 44.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525343
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595651
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082427
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0

Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991525343
Pump Set At:
Static Level: 165.0
Final Level After Pumping: 180.0
Recommended Pump Depth: 200.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934905301
Test Type: Draw Down
Test Duration: 60
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112174
Test Type: Draw Down
Test Duration: 15
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387579
Test Type: Draw Down
Test Duration: 30
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648122
Test Type: Draw Down
Test Duration: 45
Test Level: 180.0
Test Level UOM: ft

Water Details

Water ID: 933484308
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 202.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1525196	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/13/1990
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	69525	***Contractor:***	1517
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10046937	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/30/1990	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931060419
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931060417
Layer:	1
Color:	6

General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060418
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111114
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525196
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595507
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082197
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991525196
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	47.0
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:	934387021
Test Type:	
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656376
Test Type:	
Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904745
Test Type:	
Test Duration:	60
Test Level:	110.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934111616
Test Type:	
Test Duration:	15
Test Level:	15.0
Test Level UOM:	ft

Water Details

Water ID:	933484098
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1525193
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 69526
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/13/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046934
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/01/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931060406
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060405
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060407
Layer: 3
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111111
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525193
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595504
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082194
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER

Pump Test ID: 991525193
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 35.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387018
Test Type:
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656373
Test Type:
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904742
Test Type:
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111613
Test Type:
Test Duration: 15
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933484095
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 44.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1525102
Construction Date:
Use 1st: Domestic
Flowing (Y/N):
Flow Rate:
Data Entry Status:

Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 67185
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Data Src: 1
Date Received: 11/15/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046844
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/30/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931060081
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060080
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111037
Layer: 1
Plug From: 4.0
Plug To: 41.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525102
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595414
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082034
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 41.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991525102
Pump Set At:
Static Level: 9.0
Final Level After Pumping: 71.0
Recommended Pump Depth: 80.0
Pumping Rate: 16.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 50
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656295

Test Type:
Test Duration: 45
Test Level: 71.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904667
Test Type:
Test Duration: 60
Test Level: 71.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386516
Test Type:
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111109
Test Type:
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Water Details

Water ID: 933483968
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 78.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1524732
Construction Date:
Use 1st: Cooling And A/C
Use 2nd:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 74645
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/29/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046480
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/01/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931058903
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 283.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058901
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058902
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 43.0

Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110943
Layer: 1
Plug From: 6.0
Plug To: 47.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524732
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595050
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081366
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 47.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991524732
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933483453
Layer: 2
Kind Code: 1
Kind: FRESH

Water Found Depth: 220.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483452
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 180.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483454
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 240.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database: ***WWIS***

Well ID: 1524731
Construction Date:
Use 1st: Domestic
Use 2nd: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 74646
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/29/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046479
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/03/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID:	931058900
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	41.0
Formation End Depth:	290.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931058899
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	34.0
Formation End Depth:	41.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931058897
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	00
Material 2 Desc:	UNKNOWN TYPE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931058898
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	77
Material 2 Desc:	LOOSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	34.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933110942
Layer:	1
Plug From:	6.0
Plug To:	44.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961524731
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10595049
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930081365
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991524731
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	140.0
Recommended Pump Depth:	280.0
Pumping Rate:	22.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934385329
Test Type:	Draw Down
Test Duration:	30
Test Level:	120.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934654690
Test Type: Draw Down
Test Duration: 45
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109499
Test Type: Draw Down
Test Duration: 15
Test Level: 76.0
Test Level UOM: ft

Water Details

Water ID: 933483449
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483451
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 240.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483450
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1524658
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 74605
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/20/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046406
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/03/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931058670
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 275.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058669
Layer: 1
Color: 6
General Color: BROWN
Material 1: 12
Material 1 Desc: STONES
Material 2: 28
Material 2 Desc: SAND
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110876
Layer: 1
Plug From: 8.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524658
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594976
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081249
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991524658
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth: 265.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 15
Flowing: No

Water Details

Water ID: 933483348
Layer: 3
Kind Code: 2
Kind: SALTY
Water Found Depth: 210.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483346
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 140.0

Water Found Depth UOM: ft

Water Details

Water ID: 933483347
Layer: 2
Kind Code: 2
Kind: SALTY
Water Found Depth: 163.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483349
Layer: 4
Kind Code: 2
Kind: SALTY
Water Found Depth: 260.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database: ***WWIS***

Well ID: 1524647
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 37646
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/20/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046395
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/04/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931058633
Layer: 4
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058630
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058631
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058632
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524647
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594965
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081233
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991524647
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 47.0
Recommended Pump Depth: 52.0
Pumping Rate: 14.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934109422
Test Type: Draw Down
Test Duration: 15
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654614
Test Type: Draw Down
Test Duration: 45
Test Level: 47.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934902995
Test Type:	Draw Down
Test Duration:	60
Test Level:	47.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384835
Test Type:	Draw Down
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

Water Details

Water ID:	933483330
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1524618	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Cooling And A/C	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Test Hole	***Date Received:***	06/21/1990
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	84331	***Contractor:***	5222
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	10046366	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/13/1990	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931058525
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058526
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 08
Material 2 Desc: FINE SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058527
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524618
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594936
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930081182
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1523570	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	07/18/1989
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	40125	***Contractor:***	3749
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10045344	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/21/1989	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931055059
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02

Material 1 Desc: TOPSOIL
Material 2: 12
Material 2 Desc: STONES
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055062
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 335.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055060
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055061
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110380
Layer: 1

Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523570
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593914
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079329
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523570
Pump Set At:
Static Level:
Final Level After Pumping: 205.0
Recommended Pump Depth: 310.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105510
Test Type:
Test Duration: 15
Test Level: 175.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389738
Test Type:
Test Duration: 30

Test Level: 205.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907923
Test Type:
Test Duration: 60
Test Level: 205.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650718
Test Type:
Test Duration: 45
Test Level: 205.0
Test Level UOM: ft

Water Details

Water ID: 933481877
Layer: 5
Kind Code: 1
Kind: FRESH
Water Found Depth: 310.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481874
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 168.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481875
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 205.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481876
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 230.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481873
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 94.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1523011	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/23/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	37567	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10044817	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/04/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931053225
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931053226
Layer:	2

Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110065
Layer: 1
Plug From: 4.0
Plug To: 44.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523011
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593387
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078402
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991523011
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 78.0
Recommended Pump Depth: 85.0
Pumping Rate: 7.0
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: 10
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112588
Test Type: Draw Down
Test Duration: 15
Test Level: 46.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388009
Test Type: Draw Down
Test Duration: 30
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906197
Test Type: Draw Down
Test Duration: 60
Test Level: 78.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648572
Test Type: Draw Down
Test Duration: 45
Test Level: 70.0
Test Level UOM: ft

Water Details

Water ID: 933481105
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 59.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1522999
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 37552
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/15/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

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

Bore Hole Information

Bore Hole ID: 10044805
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/20/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931053193
Layer: 2
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053192
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110056
Layer: 1
Plug From: 6.0
Plug To: 19.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522999
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593375
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078390
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 19.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522999
Pump Set At:
Static Level: 38.0
Final Level After Pumping: 41.0
Recommended Pump Depth:
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 20
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112155
Test Type: Draw Down
Test Duration: 15
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906185
Test Type: Draw Down
Test Duration: 60
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934387997
Test Type:	Draw Down
Test Duration:	30
Test Level:	41.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648560
Test Type:	Draw Down
Test Duration:	45
Test Level:	41.0
Test Level UOM:	ft

Water Details

Water ID:	933481093
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1522669	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	10/28/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	NA	***Contractor:***	1517
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10044479	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/27/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931052225
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052228
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 39.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052227
Layer: 3
Color: 5
General Color: YELLOW
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 39.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052226
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109985
Layer: 1
Plug From: 2.0
Plug To: 27.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522669
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593049
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077793
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522669
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 75.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656219
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110999
Test Type:
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386424
Test Type:
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904616
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933480642
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 22.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1522667
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 44182
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/28/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044477
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/06/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931052221
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 6.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052222
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 79.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052220
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109983
Layer: 1
Plug From: 2.0
Plug To: 29.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522667
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593047
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077791
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 29.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522667
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656217
Test Type:
Test Duration: 45

Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386423
Test Type:
Test Duration: 30
Test Level: 52.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904614
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110998
Test Type:
Test Duration: 15
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933480640
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 78.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID: 1522575
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 13213
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/16/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044387
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/26/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931051922
Layer: 2
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051921
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931051923
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522575
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592957
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077622
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 17.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522575
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 92.0
Recommended Pump Depth: 93.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934655710
Test Type: Draw Down
Test Duration: 45
Test Level: 91.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110911
Test Type: Draw Down
Test Duration: 15
Test Level: 77.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934386336
Test Type:	Draw Down
Test Duration:	30
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904527
Test Type:	Draw Down
Test Duration:	60
Test Level:	92.0
Test Level UOM:	ft

Water Details

Water ID:	933480523
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	52.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1522526	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	08/23/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	13218	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10044338	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/18/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931051759
Layer:	2
Color:	8
General Color:	BLACK
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	19.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931051758
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961522526
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10592908
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930077547
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	19.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522526
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 31.0
Recommended Pump Depth: 35.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934655670
Test Type:
Test Duration: 45
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385310
Test Type:
Test Duration: 30
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904495
Test Type:
Test Duration: 60
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110444
Test Type:
Test Duration: 15
Test Level: 31.0
Test Level UOM: ft

Water Details

Water ID: 933480440
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 26.0
Water Found Depth UOM: ft

Site: ***Database:*** ***WWIS***
con 4 ON

Well ID: 1522324 ***Flowing (Y/N):***

Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 13722
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/03/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044136
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02/02/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931050963
Layer: 4
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 57.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050961
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 08

Material 2 Desc: FINE SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050960
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050962
Layer: 3
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109802
Layer: 1
Plug From: 0.0
Plug To: 25.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522324
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592706
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930077194
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991522324
Pump Set At:	
Static Level:	24.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	50.0
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:	934655082
Test Type:	
Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934385833
Test Type:	
Test Duration:	30
Test Level:	34.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934903493
Test Type:	
Test Duration:	60
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934109850
Test Type:	
Test Duration:	15
Test Level:	31.0
Test Level UOM:	ft

Water Details

Water ID:	933480165
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	59.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1522237	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Abandoned-Quality	***Date Received:***	03/01/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	21982	***Contractor:***	4006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10044050	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04/15/1987	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933109763
Layer:	1
Plug From:	180.0
Plug To:	245.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961522237

Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10592620
Casing No: 1
Comment:
Alt Name:

Water Details

Water ID: 933480051
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth:
Water Found Depth UOM: ft

Site:
lot 7 ON

Database: ***WWIS***

Well ID: 1522003
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 10283
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/07/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043816
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/06/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931049951
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049952
Layer: 2
Color: 2
General Color: GREY
Material 1: 17
Material 1 Desc: SHALE
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109686
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522003
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592386
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076581
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930076582
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522003
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 30.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934653938
Test Type:
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108700
Test Type:
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392385
Test Type:
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902911
Test Type:
Test Duration: 60

Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933479744
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1521311
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/14/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043133
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/20/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931047534
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:

Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931047536
Layer: 3
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931047535
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521311
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591703
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075310
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991521311
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 48.0
Recommended Pump Depth: 55.0
Pumping Rate: 23.0
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: 934105990
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390089
Test Type: Draw Down
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651236
Test Type: Draw Down
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909444
Test Type: Draw Down
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933478816
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1521310	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/14/1987
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	NA	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10043132	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04/16/1987	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931047532
Layer:	3
Color:	8
General Color:	BLACK
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931047530
Layer:	1
Color:	6

General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931047533
Layer: 4
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 69.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931047531
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521310
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591702
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075309
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To: 69.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991521310
Pump Set At:
Static Level: 29.0
Final Level After Pumping: 59.0
Recommended Pump Depth: 70.0
Pumping Rate: 13.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934390088
Test Type: Draw Down
Test Duration: 30
Test Level: 59.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909443
Test Type: Draw Down
Test Duration: 60
Test Level: 59.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651235
Test Type: Draw Down
Test Duration: 45
Test Level: 59.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105989
Test Type: Draw Down
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Water Details

Water ID: 933478815
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

Site:
lot 8 ON

Database:
WWIS

Well ID:	1520773	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	09/25/1986
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	NA	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10042614	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/28/1986	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931045772
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931045773
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520773
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591184
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074374
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991520773
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 21.0
Recommended Pump Depth: 25.0
Pumping Rate: 11.0
Flowing Rate:
Recommended Pump Rate: 9.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR:
Pumping Duration MIN: 55
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387936

Test Type: Draw Down
Test Duration: 30
Test Level: 21.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649512
Test Type: Draw Down
Test Duration: 45
Test Level: 21.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104816
Test Type: Draw Down
Test Duration: 15
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906592
Test Type: Draw Down
Test Duration: 60
Test Level: 21.0
Test Level UOM: ft

Water Details

Water ID: 933478118
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 28.0
Water Found Depth UOM: ft

Site:
lot 8 ON

Database: ***WWIS***

Well ID: 1520568
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/15/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042410
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/25/1986
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931045168
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045166
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045167
Layer: 2
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 25.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520568
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590980
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074021
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991520568
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 16.0
Recommended Pump Depth: 22.0
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: 934648347
Test Type: Draw Down
Test Duration: 45
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387324
Test Type: Draw Down
Test Duration: 30
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906129
Test Type: Draw Down
Test Duration: 60
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112461
Test Type: Draw Down
Test Duration: 15
Test Level: 16.0
Test Level UOM: ft

Water Details

Water ID: 933477847
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 27.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1520201
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/04/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042046
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/05/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931044047
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044049
Layer: 3
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 31
Material 2 Desc: COARSE GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 219.0
Formation End Depth: 231.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044048
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 219.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520201
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590616
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073384
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 231.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991520201
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 85.0
Recommended Pump Depth: 100.0
Pumping Rate: 21.0
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: 934904974
Test Type: Draw Down
Test Duration: 60
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377251
Test Type: Draw Down
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656005
Test Type: Draw Down
Test Duration: 45
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111431

Test Type: Draw Down
Test Duration: 15
Test Level: 78.0
Test Level UOM: ft

Water Details

Water ID: 933477382
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 231.0
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1519209
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/05/1984
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041079
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/19/1982
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931040946
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND

Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040949
Layer: 4
Color: 3
General Color: BLUE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 26
Material 2 Desc: ROCK
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 90.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040948
Layer: 3
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 70.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040947
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 90
Material 2 Desc: VERY
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 10.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519209
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10589649
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071730
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

Pumping Test Method Desc: BAILER
Pump Test ID: 991519209
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 90.0
Recommended Pump Depth: 95.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934652720
Test Type: Draw Down
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107449
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382187
Test Type: Draw Down
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934901688
Test Type:	Draw Down
Test Duration:	60
Test Level:	90.0
Test Level UOM:	ft

Water Details

Water ID:	933476130
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	95.0
Water Found Depth UOM:	ft

Site:
lot 7 ON

Database:
WWIS

Well ID:	1519673	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	06/21/1985
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041526	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/25/1985	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931042357

Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042359
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 251.0
Formation End Depth: 255.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042358
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 251.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933108879
Layer: 1
Plug From: 0.0
Plug To: 45.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519673
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590096
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072513
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 45.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519673
Pump Set At:
Static Level: 85.0
Final Level After Pumping: 177.0
Recommended Pump Depth: 230.0
Pumping Rate: 17.0
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: 35
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108585
Test Type: Draw Down
Test Duration: 15
Test Level: 110.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383876
Test Type: Draw Down
Test Duration: 30
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653856
Test Type: Draw Down
Test Duration: 45
Test Level: 160.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894616
Test Type: Draw Down
Test Duration: 60
Test Level: 177.0
Test Level UOM: ft

Water Details

Water ID: 933476711
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 254.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Nov 2023

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Mar 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2024

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

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

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Mar 31, 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Mar 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX F

City Directories

CITY DIRECTORY

Project Property:	*100117.056* *3043 Dunning Road* *Ottawa,ON K0A 3E0*
Project No:	
Requested By:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Order No:	*24050800827*
Date Completed:	*May 31, 2024*

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

May 31, 2024
RE: CITY DIRECTORY RESEARCH
3043 Dunning Road
Ottawa,ON K0A 3E0

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

2997-3105 of Dunning Road

2570 of Giroux Road

Search Notes:

Sarsfield, ON is last listed in 1997

Search Results Summary

Data from 2012 to 2021 does not include residential information

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2000	POLKS	
1997	POLKS	

2021 DUNNING ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

3004 **COUNTRY MEAT KITCHEN**...*GROCERS-RETAIL*
3016 **FORCE ONE CONSTRUCTION**...*BUILDING CONSTRUCTION-CONSULTANTS*
3105 **LA PLANTE POULTRY FARMS LTD**...*POULTRY PROCESSING PLANTS (MFRS)*

2021 GIROUX ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2017 DUNNING ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

3004 **COUNTRY MEAT KITCHEN**...*MEAT PROCESSED FROM CARCASSES*
3105 **LA PLANTE POULTRY FARMS LTD**...*POULTRY PROD MERCHANT WHOLS*

2017 GIROUX ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 DUNNING ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

3004 **COUNTRY MEAT & KITCHEN**...*MEAT PROCESSED FROM CARCASSES*
3105 **LA PLANTE**...*TOY & HOBBY GOODS MERCHANT WHOLS*

2012 GIROUX ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

2570 **HEDGEROW STABLES**...*ALL OTHER AMUSEMENT & RECREATION INDUSTRIES*

2000 DUNNING ROAD

SOURCE: POLKS

2966	D'Aoust Rejean	K0A 3E0 835-3019
	Daoust Ernest	K0A 3E0 835-2508
2992	D'Aoust Roger	K0A 3E0 835-2243
2997	Ⓝ Tekenos-Levy Mark	K0A 3E0 835-2301
3004	COUNTRY MEAT & KITCHEN	K0A 3E0 835-3653
	Beaudin C	K0A 3E0 835-4173
	Beaudin Yvan	K0A 3E0 835-3653
3016	Lamoureux Roger	K0A 3E0 835-3000
3105	Laplante Gerald & Claudette	K0A 3E0 835-2570
3178	LAPOINTE TRAINING STABLE	K0A 3E0 835-9989
3264	Laurin Claude	K0A 3E0 835-2745
3305	Laplante Ronald	K0A 3E0 835-2127

2000 GIROUX ROAD

SOURCE: POLKS

HOUSEHOLDS 14

GIROUX RD (S)

2182	Daoust Ernest Jr	K0A 3E0 835-2582
2215	Van Munsteren Theo & Tony	K0A 3E0 835-2850
2226	Lunnie E	K0A 3E0 835-4498
2570	Van Munsteren Fred	K0A 3E0 835-2941

HOUSEHOLDS 4

1997 DUNNING ROAD

SOURCE: POLKS

2966 (N) D'Aoust Rejean	K0A 3E0 835-2508
(N) Daoust Ernest	K0A 3E0 835-2243
2992 (N) D'Aoust Roger	K0A 3E0 835-2277
2997 (N) Tekenos-Levy J	K0A 3E0 835-2301
(N) Tekenos-Levy Mark	
3004 COUNTRY MEAT & KITCHEN CATERING	K0A 3E0 835-3653
(N) Beaudin C	K0A 3E0 835-4173
(N) Beaudin Yvan	K0A 3E0 835-3653
3016 (N) Lamoureux Roger	K0A 3E0 835-3000
3105 (N) Laplante Gerald & Claudette	K0A 3E0 835-2570
3118 LAPOINTE TRAINING STABLE	K0A 3E0 835-9989
3178 (N) Labbe Suzanne	K0A 3E0 835-3724
3264 (N) Laurin Claude	K0A 3E0 835-2745
	K0A 3E0 835-2127

1997 GIROUX ROAD

SOURCE: POLKS

GIROUX RD (S)

2182 (N) Daoust Ernest	K0A 3E0 835-2582
2215 (N) Van Munsteren Theo & Tony	K0A 3E0 835-2850
2226 (N) Lunnis E	K0A 3E0 835-4498
2570 (N) Van Munsteren Fred	K0A 3E0 835-2941

HOUSEHOLDS 4

APPENDIX G

TSSA Records

From: Public Information Services
To: Jeffrey Gauthier
Subject: RE: TSSA Search 3043 Dunning Road - 100117.056
Date: May 28, 2024 2:13:01 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png

You don't often get email from publicinformationservices@tssa.org. Learn why this is important

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **elevating devices** records in our database at the subject address(es).

- We confirm that there are NO **fuels records** in our database at the subject address(es).

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

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

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

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

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

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

Kind regards,

Slavka Zahrebelny | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: szahrebelny@tssa.org
www.tssa.org



Winner of 2024 5-Star Safety Cultures Award

From: Jeffrey Gauthier <jeffrey.gauthier@gemtec.ca>
Sent: Tuesday, May 28, 2024 11:12 AM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: Nicole Soucy <nicole.soucy@gemtec.ca>
Subject: TSSA Search 3043 Dunning Road - 100117.056

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

May I please have a search for tanks or elevating devices at the following addresses:

- 2570, 3004, 3016, 3032, 3043, 3085, 3094, 3105 Dunning Road

All are in Ottawa, Ontario.

Best regards,
Jeffrey

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

CAUTION: This email is not from someone with an @gemtec.ca email address. Do not click links or open attachments that you do not trust.

APPENDIX H

MECP Freedom of Information Record

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la Protection de la nature et des Parcs

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

Ontario

May 29, 2024

Connor Shaw
GEMTEC Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, Ontario K2K 2A9
connor.shaw@gemtec.ca

Dear Connor Shaw:

RE: **MECP FOI A-2024-03284, Your Reference 100117.056 – 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:

3043 Dunning Road, Ottawa

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

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

If you have any questions, please contact Amina Shah at 437-339-1251 or amina.shah@ontario.ca.

Yours truly,

ASheh.

for
Josephine DeSouza
Manager, Access and Privacy Office

APPENDIX I

Historic Land Use Inventory

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:** 3043 Dunning road

** Mandatory Field*

***Applicant/Agent Information:**

Company name:	GEMTEC		
Contact name:	Nicole Soucy		
Mailing Address:	32 Steacie Drive, Ottawa, Ontaio, K2K 2A9		
Telephone:	613-929-5630	Email Address:	nicole.soucy@gemtec.ca

***Registered Property Owner Information:** ☐ Same as above

Name:	Robert Laplante		
Mailing Address:	3043 Dunning Road, Ottawa, Ontario, K0A 3E0		
Telephone:	NA	Email Address:	robertlaplante@rogers.com

Site Details

Legal Description and PIN: **Part 1 and 2 , Plan 4R-11019. Part of Lots 7 and 8, Concession 4, Township of Cumberland. Formerly in the County of Russell, Now in the Regional Municipality of Ottawa- Carleton**

What is the land currently used for? *Chicken Farm*

Lot frontage: _____ m Lot depth: _____ m Lot area: _____ m²

OR Lot area: (irregular lot) 17052.11 m²

Does the site have Full Municipal Services: ○ Yes ○ No

Required Fees

Please don't hesitate to visit the Historic Land Use Inventory website more information. Fees must be paid in full at the time of application submission.

Planning Fee $181.00

Submittal Requirements

The following are required to be submitted with this application:

1. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
3. **A site plan or key plan of the property, its location and particular features.**
4. **Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to GEMTEC ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 27/05/2024

Per: Nicole Soucy
(Please print name)

Title: Environmental Engineer

Company: GEMTEC

APPENDIX J

Aerial Photographs

HISTORICAL AERIALS

Project Property: 100117.056
3043 Dunning Road
Ottawa ON K0A 3E0

Project No:

Requested By: GEMTEC Consulting Engineers and Scientists Limited (Ontario)

Order No: 24050800827

Date Completed: May 29,2024

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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

Date	Source	Scale	Comments
2023	Maxar Technologies	10,000	
1985	National Air Photo Library	10,000	
1964	National Air Photo Library	10,000	
1953	National Air Photo Library	10,000	
1945	National Air Photo Library	10,000	



Year: 2023
Source: MAXAR
Scale: 10,000
Comment:

Address: 3043 Dunning Road, Ottawa, ON
Approx Center: -75.36649508,45.45400982

Order No: 24050800827



Year: 1985
Source: NAPL
Scale: 10,000
Comment:

Address: 3043 Dunning Road, Ottawa, ON
Approx Center: -75.36649508,45.45400982

Order No: 24050800827

ERIS

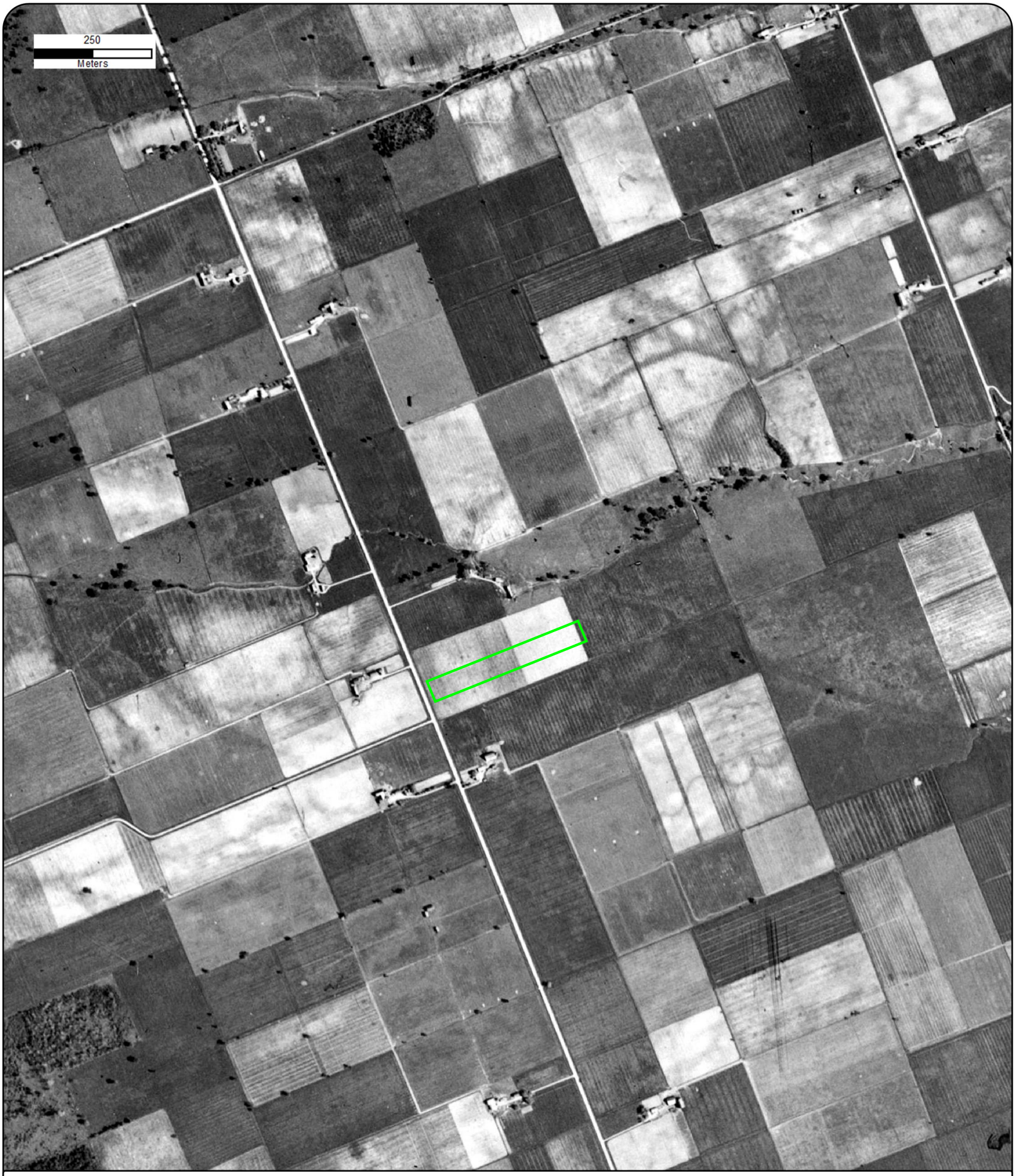


Year: 1964
Source: NAPL
Scale: 10,000
Comment:

Address: 3043 Dunning Road, Ottawa, ON
Approx Center: -75.36649508,45.45400982

Order No: 24050800827

ERIS



Year: 1953
Source: NAPL
Scale: 10,000
Comment:

Address: 3043 Dunning Road, Ottawa, ON
Approx Center: -75.36649508,45.45400982

Order No: 24050800827

ERIS



Year: 1945
Source: NAPL
Scale: 10,000
Comment:

Address: 3043 Dunning Road, Ottawa, ON
Approx Center: -75.36649508,45.45400982

Order No: 24050800827

ERIS

APPENDIXK

MECP Well Records

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

ONTARIO

31G/6W

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

11 | 1512438 | MUNICIP. 15011 | CON. GORN | 05

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Cumberland	5	007

[redacted] Sarsfield, Ont.

DATE COMPLETED: DAY 29 MO. 09 YR. 72

UTM ZONE | EASTING 033360 | RC. 4 | ELEVATION 0275 | RC. 5 | BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
blue	clay			0	38
grey	gravel			38	40

31: 0038305 | 0040211

32:

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0040	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	STD	0	0040
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	0010 GPM.	02 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
003 FEET	015 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	010 FEET	015 FEET	015 FEET	015 FEET

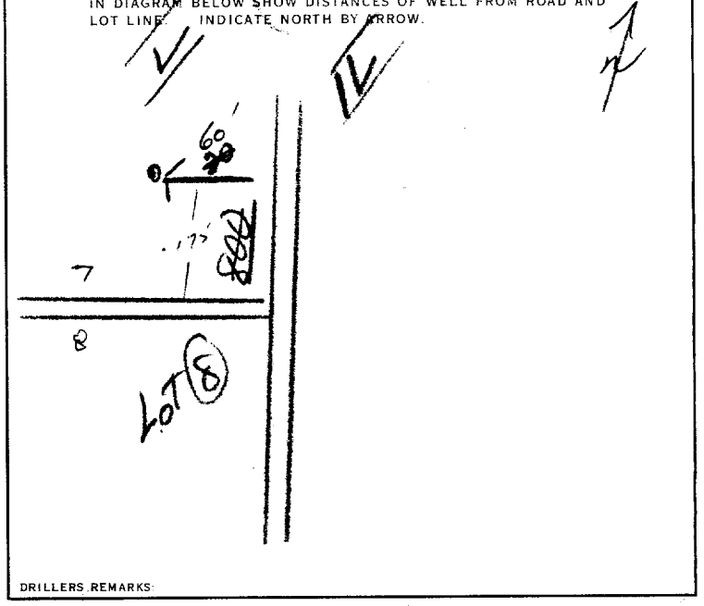
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM.	20 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
1 ☒ SHALLOW 2 ☐ DEEP	020 FEET	0006 GPM.

50-53: 000.8 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 01

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

METHOD OF DRILLING

1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☒ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: G. Charbonneau, Diamond & Cable Drilling 055 | LICENCE NUMBER

ADDRESS: R. R. 2, Box 194, Orleans, Ont.

NAME OF DRILLER OR BORER: R. Wolfe | LICENCE NUMBER

SIGNATURE OF CONTRACTOR | SUBMISSION DATE: DAY 29 MO. 9 YR. 72

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 1504 | DATE RECEIVED 240473

DATE OF INSPECTION | INSPECTOR

REMARKS:

P K

WI

FORM

MINISTRY OF THE ENVIRONMENT COPY

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

Ontario

WATER WELL RECORD

56 Russell B-22

316/6W.

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

11 | 1513949 | MUNICIP. 1501 | CON. CON | 06

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Cumberland	5	008

[redacted] van, Ont.

DATE COMPLETED: DAY 21 MO. 06 YR. 73

HING 0330 49 | RC 4 | ELEVATION 0280 | RC 5 | BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
yellow	sand			0	22
blue	clay			22	68
grey	gravel			68	76

OWRC C-9

31 0022528 0068305 0076211

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0076	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.250	0	~~76~~ 0076
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER | PUMPING RATE: 0008 GPM | DURATION OF PUMPING: 01 HOURS 30 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
010 FEET	030 FEET	025 FEET	020 FEET	015 FEET	010 FEET

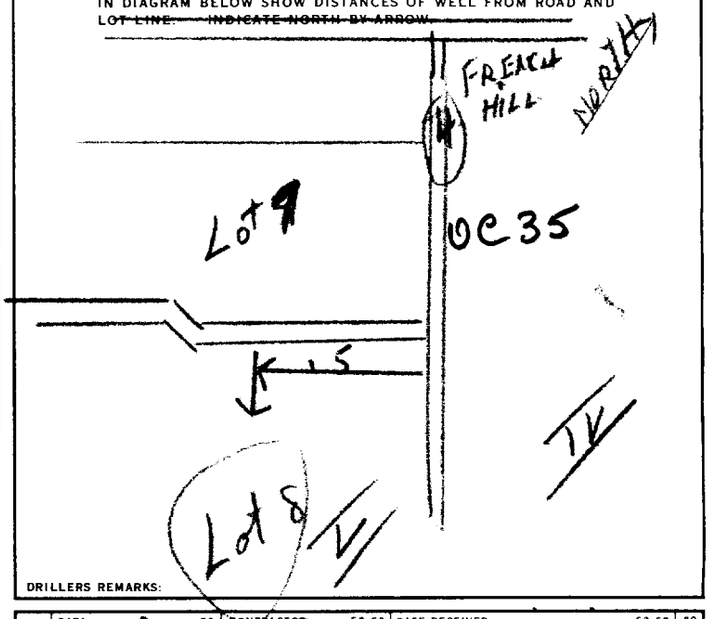
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	30 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☒ SHALLOW ☐ DEEP	030 FEET	0008 GPM

50-53 0000.4 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 7/33

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



DRILLERS REMARKS:

FINAL STATUS OF WELL 54: 1

1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 55-56: 01

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

METHOD OF DRILLING 57: 7

1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☒ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: G. Charbonneau, Diamond & Cable Drilling | LICENCE NUMBER: 1504

ADDRESS: R. R. 2, Box 194, Orleans, Ont.

NAME OF DRILLER OR BORER: Roland Wolfe | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Gerard Charbonneau | SUBMISSION DATE: DAY 21 MO. 6 YR. 73

OFFICE USE ONLY

DATA SOURCE 58: 1 | CONTRACTOR 59-62: 1504 | DATE RECEIVED 63-68: 180374

DATE OF INSPECTION | INSPECTOR: R

REMARKS: P WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

Ontario

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

11 | 1513961 | MUNICIP. 1521 | CON. Can | 05

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Cumberland,	5	007

[redacted] umberland, Ont.

DATE COMPLETED: DAY 26 MO. 11 YR. 73

NORTHING 03337D | RC. 4 | ELEVATION 0276 | RC. ST | BASIN CODE 25T

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
blue	clay			0	18
grey	coarse gravel			18	20

31 | 0018305 | 0020211

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
20	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	STD	0	20
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE: 0010 GPM | DURATION OF PUMPING: 01 HOURS 30 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
003 FEET	030 FEET	15 MINUTES 010 FEET	30 MINUTES 003 FEET	45 MINUTES 003 FEET	60 MINUTES 003 FEET

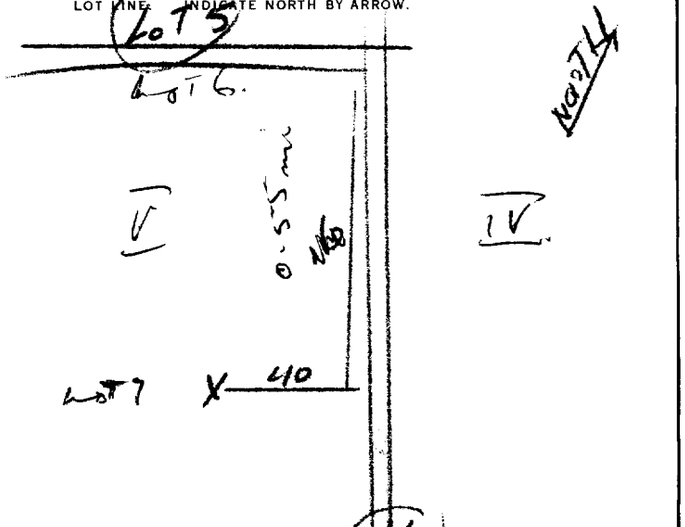
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM.	30 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☒ SHALLOW ☐ DEEP	030 FEET	0010 GPM.

50-53: 000.7 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 01

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

METHOD OF DRILLING

1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☒ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: G. Charbonneau, Diamond & Cable Drilling | LICENCE NUMBER: 1504

ADDRESS: R. R. 2, Box 194, Orleans, Ont. K0A 2W0

NAME OF DRILLER OR BORER: Roland Wolfe | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE: DAY 26 MO. 11 YR. 73

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1504 | DATE RECEIVED:

DATE OF INSPECTION: | INSPECTOR: K

REMARKS:

P R

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

Ontario

WATER WELL RECORD

City sc - Russell - B25 - Z-18
5601743 31-G/6-W

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

11 — 515552

MUNICIP. 1501 | CON. CON | 05

APR 29 1975

COUNTY OR DISTRICT: OTTAWA CARLTON (RUSSELL) | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: CUMBERLAND | CON., BLOCK, TRACT, SURVEY, ETC.: C5 | LOT: 007

[redacted] RSFIELD | OTTAWA | DATE COMPLETED: DAY 17 MO. 05 YR. 74

HING | 033235 | RC 4 | ELEVATION 0280 | RC 5 | BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	TOP SOIL			0	3
BLUE	CLAY	SOFT		3	38
GREY	HARD PAN	SAND BOULDERS		38	41
BROWN	SAND STONE	HARD		41	50

OWRC C-9

31 — 0003602 | 0038205 | 0041214281 3 | 0050618

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0043	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	41 0041
05	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0050
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

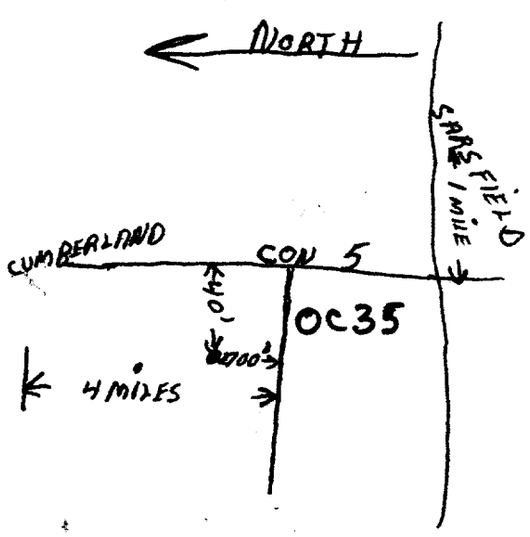
PUMPING TEST METHOD: 1 ☐ PUMP 2 ☑ BAILER
PUMPING RATE: 0025 GPM
DURATION OF PUMPING: 01 HOURS 10 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
003 FEET	005 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	005 FEET	005 FEET	005 FEET	005 FEET

IF FLOWING, GIVE RATE: GPM
PUMP INTAKE SET AT: 20 FEET
WATER AT END OF TEST: 1 ☐ CLEAR 2 ☑ CLOUDY
RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING: 020 FEET
RECOMMENDED PUMPING RATE: 0020 GPM
01 2.5 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 7133

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



DRILLERS REMARKS:

FINAL STATUS OF WELL 54: 1 ☑ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 55-56: 01 — 1 ☑ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING 57: 1 — 1 ☑ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☑ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: CAYER WELL DRILLING | LICENCE NUMBER: 1517
ADDRESS: CASSELMAN ONT
NAME OF DRILLER OR BORER: YVON GENIER | LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: Maurice Cayer | SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE 58: 1 | CONTRACTOR 59-62: 1517 | DATE RECEIVED 63-68: 120874 | 80
DATE OF INSPECTION | INSPECTOR: K
REMARKS:
P ✓
WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

Ministry of the Environment

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

316 GW

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

11 | 1516193 | MUNICIP. 15011 | CON. CON | 04

COUNTY OR DISTRICT: Ottawa | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Cumberland / Harsfield | CON., BLOCK, TRACT, SURVEY, ETC.: Con 4 | LOT: 008

DATE COMPLETED: DAY 25 MO 08 YR 77

[redacted]

033099 | RC 5 | ELEVATION 0250 | RC 5 | BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Gray	Clay		Soft	0	57
Gray	Gravel	Sand	Loose	57	66
Gray	Limestone		Soft	66	75

MOE VF-18

31 | 0057120585 | 0066211277 | 0075215785

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0066	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	0066
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		66	75
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0075
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) | DIAMETER (INCHES) | LENGTH (FEET)

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN (FEET)

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER | PUMPING RATE: 0050 GPM | DURATION OF PUMPING: 02 HOURS 00 MINS

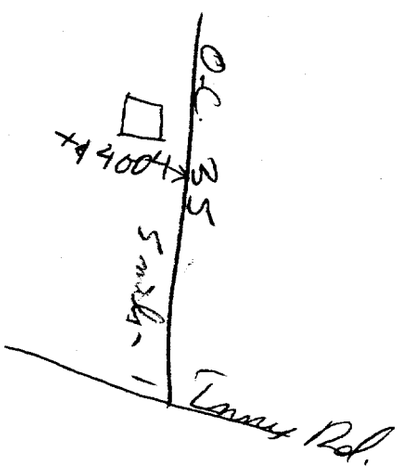
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
008 FEET	030 FEET	030 FEET	030 FEET	030 FEET	030 FEET

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

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING: 030 FEET | RECOMMENDED PUMPING RATE: 0005 GPM

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL 1

1 ☒ WATER SUPPLY | 2 ☐ OBSERVATION WELL | 3 ☐ TEST HOLE | 4 ☐ RECHARGE WELL | 5 ☐ ABANDONED, INSUFFICIENT SUPPLY | 6 ☐ ABANDONED, POOR QUALITY | 7 ☐ UNFINISHED

WATER USE 02

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

METHOD OF DRILLING 5

1 ☐ CABLE TOOL | 2 ☐ ROTARY (CONVENTIONAL) | 3 ☐ ROTARY (REVERSE) | 4 ☐ ROTARY (AIR) | 5 ☒ AIR PERCUSSION | 6 ☐ BORING | 7 ☐ DIAMOND | 8 ☐ JETTING | 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Bisson Maple Leaf | LICENCE NUMBER: 1365

ADDRESS: 877 Ridley Blvd

NAME OF DRILLER OR BORER: R Bisson | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: R Bisson | SUBMISSION DATE: DAY 15 MO 7 YR 77

OFFICE USE ONLY

DATA SOURCE 58: 1 | CONTRACTOR 59-62: 1365 | DATE RECEIVED 63-68: 190977

DATE OF INSPECTION | INSPECTOR

REMARKS:

CSS.58

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506--4--77

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. Tag#: A 227515

A227515

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name): 2570 Giroux Road	Township: Cumberland	Lot: N 1/2 Lot 8	Concession: 5
County/District/Municipality: Ottawa Carleton	City/Town/Village: Sarsfield	Province: Ontario	Postal Code: K0A3E0
UTM Coordinates NAD 83 Zone: 18 Easting: 471138 Northing: 5033248	Municipal Plan and Sublot Number	Other	

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Brown	clay	Silt,	Hard	0	3.9
Grey	clay	Silt,	Soft	3.9	16.7
Grey	gravel	Sand, Stone	packed	16.7	21.9
Grey	limestone		layered	21.9	23.2

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	6	cimeat grout	.2m³

Method of Construction

[ ] Cable Tool [ ] Diamond
[ ] Rotary (Conventional) [ ] Jetting
[ ] Rotary (Reverse) [ ] Driving
[ ] Boring [ ] Digging
[X] Air percussion
[ ] Other, *specify* _____

Well Use

[ ] Public [ ] Commercial [ ] Not used
[X] Domestic [ ] Municipal [ ] Dewatering
[ ] Livestock [ ] Test Hole [ ] Monitoring
[ ] Irrigation [ ] Cooling & Air Conditioning
[ ] Industrial
[ ] Other, *specify* _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
15.55	Steel	.48	4.6	21.9
15.55	open Hole		21.9	23.2

Construction Record - Screen

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

Status of Well

[X] Water Supply
[ ] Replacement Well
[ ] Test Hole
[ ] Recharge Well
[ ] Dewatering Well
[ ] Observation and/or Monitoring Hole
[ ] Alteration (Construction)
[ ] Abandoned, Insufficient Supply
[ ] Abandoned, Poor Water Quality
[ ] Abandoned, other, *specify* _____
[ ] Other, *specify* _____

Water Details

Water found at Depth	Kind of Water	
22 (m/ft) [ ] Gas	[ ] Fresh [X] Untested	[ ] Other, *specify*
(m/ft) [ ] Gas	[ ] Fresh [ ] Untested	[ ] Other, *specify*
(m/ft) [ ] Gas	[ ] Fresh [ ] Untested	[ ] Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	6	24.9
6	23.2	15.55

Results of Well Yield Testing

After test of well yield, water was:
[X] Clear and sand free
[ ] Other, *specify* _____

If pumping discontinued, give reason:

Pump intake set at (m/ft): 20

Pumping rate (l/min / GPM): 68

Duration of pumping: 1 hrs + ____ min

Final water level end of pumping (m/ft): 3.05

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

Recommended pump depth (m/ft): 20

Recommended pump rate (l/min / GPM): 68

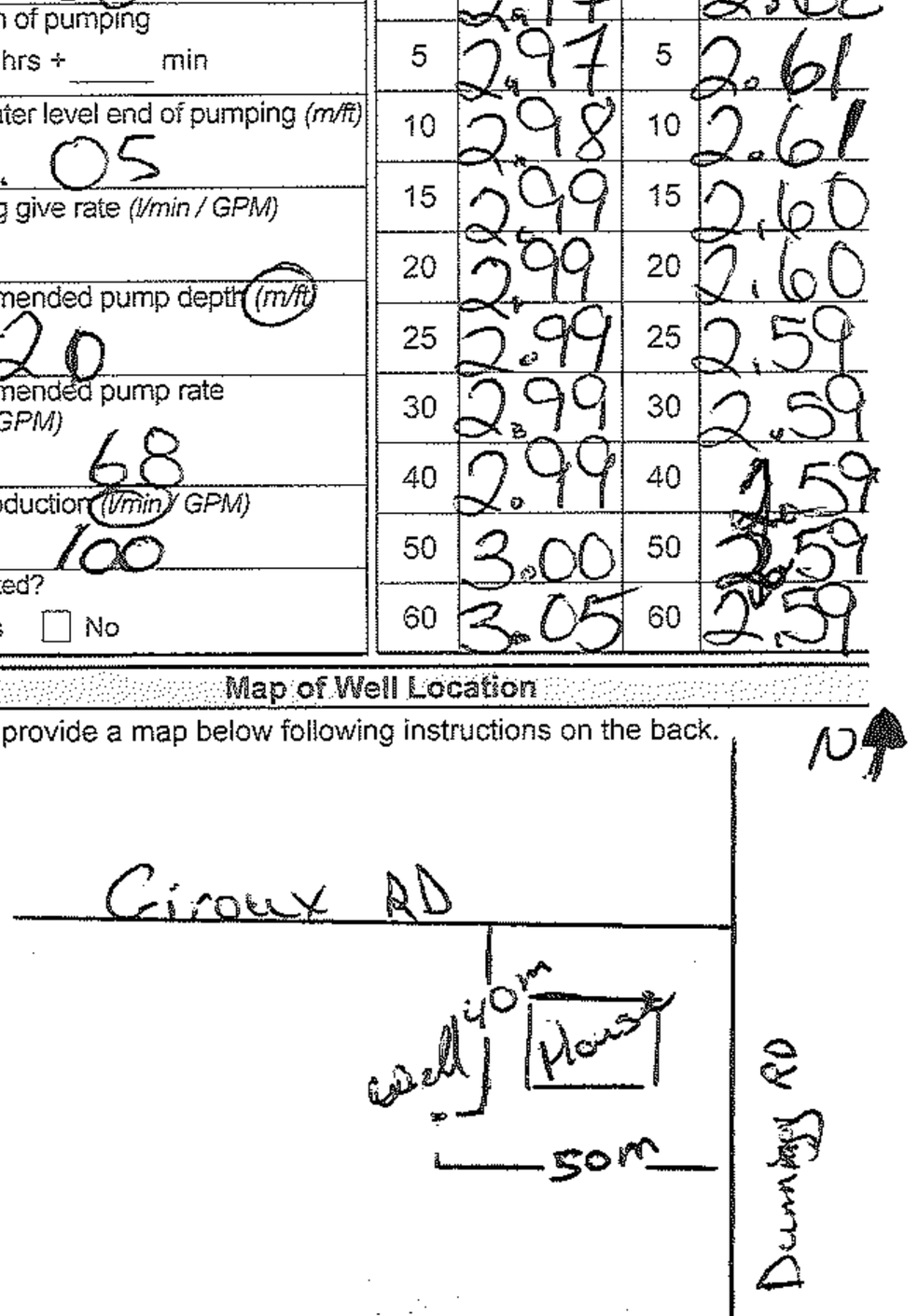
Well production (l/min / GPM): 100

Disinfected? [X] Yes [ ] No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	2.58		3.05
1	2.96	1	2.66
2	2.96	2	2.64
3	2.97	3	2.62
4	2.97	4	2.62
5	2.97	5	2.61
10	2.98	10	2.61
15	2.99	15	2.60
20	2.99	20	2.60
25	2.99	25	2.59
30	2.99	30	2.59
40	2.99	40	2.59
50	3.00	50	2.59
60	3.05	60	2.59

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: Burgess Well Drilling Ltd. — Well Contractor's Licence No.: 7417

Business Address (Street Number/Name): 14245 Concession 10-11 — Municipality: Crysler

Province: On. — Postal Code: K0A1R0 — Business E-mail Address: N/A

Bus. Telephone No. (inc. area code): 6139876291 — Name of Well Technician (Last Name, First Name): GENIER, MICHAEL

Well Technician's Licence No.: 34923 — Signature of Technician and/or Contractor — Date Submitted: 2017/11/03

Well owner's information package delivered: [X] Yes [ ] No

Date Package Delivered: 2017/10/24

Date Work Completed: 2017/10/24

Ministry Use Only

Audit No. Z259728

Received NOV 27 2017

0506E (2014/11)

Ministry's Copy

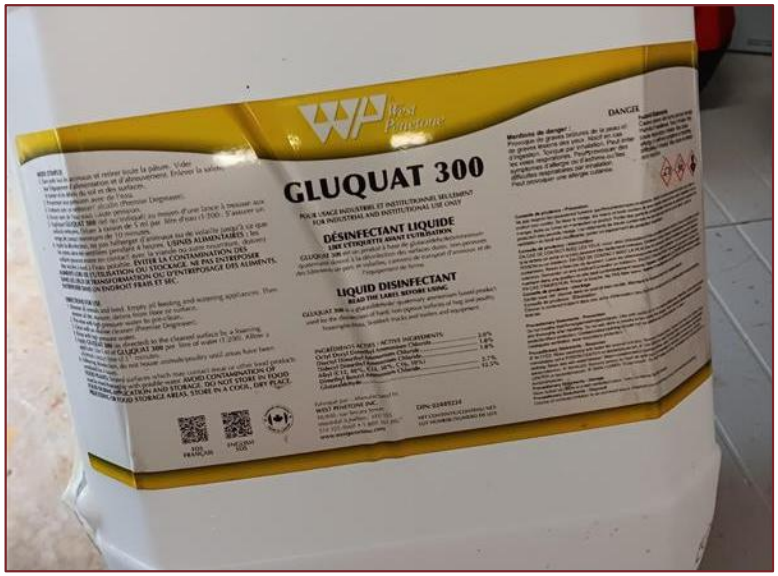
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APPENDIX L

Site Photographs



Photograph L1 – Looking west along the Dunning Road. View of two monitoring wells and a small ditch along Dunning Road..



Photograph L2 – Disinfectant used on the Site property. Stored within barn



Photograph L3 – Hydrogen Peroxide used on the Site property. Stored within barn.



Photograph L4 – Generator used on site property. Stored within barn

GEMTEC Consulting Engineers and Scientists	Project Phase One Environmental Site Assessment Zoning By-Law Amendment Application 6158 Rideau Valley Drive Ottawa, Ontario	**Appendix L** File No. 100011.082	**Site Photographs**



Photograph L5 – Boiler used on site property. Stored within barn.



Photograph L6– Looking west inside the barn. Slab floor on grade. Venting overhead and vent windows along wall. Some staining from agricultural practices.



Photograph L7 – Looking north inside the bar. A drain located at the intersection of wall and floor. Multiple drains are within the barn. Piping for water above drain and below venting window.



Photograph L8 – Looking east at the Jules Potvin Drain along the east property line of the Site.

GEMTEC Consulting Engineers and Scientists	Project Phase One Environmental Site Assessment Zoning By-Law Amendment Application 6158 Rideau Valley Drive Ottawa, Ontario	**Appendix L** File No. 100011.082	**Site Photographs**



Photograph L9 – Looking west along the Dunning Road. View of a monitoring well and a small ditch along Dunning Road



Photograph L10 – Looking south at the barn. Drain exit from the inside of the barn



Photograph L11 – Looking south towards the diesel storage tank on concrete slab.



Photograph L12 – Looking south towards the furnace oil storage tank on concrete slab.



Photograph L13 -Looking south towards the two storage tank with an old well. .

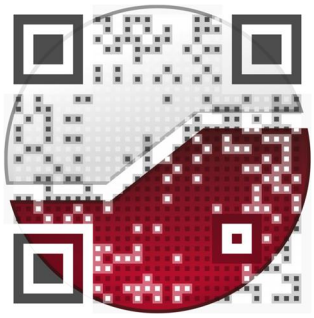


Photograph L14 – Looking north, up the pole. An electrical transformer on the pole with no staining seen on the wood below it..



Photograph L15 – Looking south at the adjacent barn's furnace oil tank. Parcels of land are separated by a small ditch.

experience • knowledge • integrity



civil	civil
geotechnical	géotechnique
environmental	environnementale
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

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