GEMTEC

www.gemtec.ca

Phase One Environmental Site Assessment
Proposed School Development
2405 and 2419 Mer Bleue Road

Ottawa, Ontario

GEMTEC
www.gemtec.ca

Submitted to:

Conseil des Écoles Publiques de l'Est de L'Ontario
2445 Boulevard St.Laurent
Ottawa, Ontario
K1G 6C3

Phase One Environmental Site Assessment
Proposed School Development
2405 and 2419 Mer Bleue Road
Ottawa, Ontario

May 28, 2018
Project: 62721.07

experience • knowledge • integrity

GEMTEC Consulting Engineers and Scientists Limited
32 Steacie Drive
Ottawa, ON, Canada
K2K 2A9

May 28, 2018 File: 62721.07

Conseil des Écoles Publiques de l'Est de L'Ontario
2445 Boulevard St.Laurent
Ottawa, Ontario
K1G 6C3

Attention: Mr. Benoit Duquette

Re: Phase One Environmental Site Assessment
2405 and 2419 Mer Bleue Road, Ottawa, Ontario

Enclosed is our Phase One ESA report for the above-noted project based on the scope of work presented in our proposal dated January 31, 2018. This report was prepared by Nicole Soucy, M.A.Sc., with senior review performed by Katherine Rispoli, M.A.Sc., P.Eng., ing.

Nicole Soucy, M.A.Sc. Katherine Rispoli, M.A.Sc., P.Eng., ing.

NS/KR

Enclosures
P:\0. Files\62700\62721.07\ESA\Mer Bleue\62721.07_PhaseOneESA_RPT01_V01_2018-05-28.docx

EXECUTIVE SUMMARY

Gemtec Consulting Engineers and Scientists Ltd. (GEMTEC) was retained by the Conseil des Écoles Publiques de l'Est de L'Ontario to carry out a Phase One Environmental Site Assessment (ESA) for the subject property located at 2405, and 2419 Mer Bleue Road in Ottawa, Ontario.

The available information was reviewed in a comprehensive manner starting with available historical information, followed by the results of the site reconnaissance and interviews. These three components were evaluated using our professional experience, judgment and available documentation including guidelines to determine potentially contaminating activities. Using site-specific geological and hydrogeological information, we determined the likelihood of contamination on the subject property due to the potentially contaminating activities in order to establish areas of potential environmental concern. The identification of areas of potential environmental concern was guided by our professional experience and judgment. This analysis constitutes a comprehensive review of the available information and factual data that is sufficient for the purposes of the Phase One ESA.

The following Areas of Potential Environmental Concern (APECs) were determined through the Phase One ESA to exist for the subject property:

APEC	Location of APEC	PCA	Description	Media and Contaminants of Concern
APEC 1	North of the building at 2405 Mer Bleue Road, and in the area of the barn at 2419 Mer Bleue Road	Four (4) aboveground storage tanks	Site reconnaissance identified three (3) active aboveground diesel storage tanks. One (1) of the tanks had a volume of 1,360 litres and the other two (2) had a volume of 2,200 litres each. The last tank was identified in the north area or the barn and was confirmed empty and not in use.	Soil & Groundwater: • PHCs[1] • VOCs[2] or BTEX[3] • Metals • PAHs[4]
APEC 2	All over the subject property	Fill Material of unknown origin	Homeowners (Mr. Bisson and Mr. Brûlé) indicated that they imported fill onto the subject property. Mr. Bisson indicated that he brought in sand fill when he was building the structure at 2405 Mer Bleue Road. Mr. Brûlé indicated that he used fill material at the landscaping shop and also	Soil • PAHs • Metals

APEC	Location of APEC	PCA	Description	Media and Contaminants of Concern
			said that the fill he used would be full of interlocking brick and block material as well as other potential landscaping wastes at 2419 Mer Bleue Road.	
APEC 3	Near the outlet of the French drains at 2419 Mer Bleue Road	Landscaping garage on site used for personal vehicle and tractor maintenance and repair	Maintenance of equipment takes place by mobile mechanic on the subject property. Products including anti-freeze, lubricants, hydraulic oil, spray paint, and other products were observed during the site reconnaissance.	Soil & Groundwater • PHCs • VOCs or BTEX • Metals • PAHs
APEC 4	On the agricultural land on site east of the structure at 2405 Mer Bleue Road	Fertilizer, pesticide and/or herbicide	Historically the subject property has been used for agricultural purposes. Mr. Bisson, indicated that he has been using pesticides as recommended by the Coop.	Soil & Groundwater • PAHs • Metals • OC Pesticides[5]

Notes:

1. PHCs – Petroleum Hydrocarbons
2. VOCs – Volatile Organic Compounds
3. BTEX – Benzene, Toluene, Ethylbenzene, Xylene
4. PAHs – Polycyclic Aromatic Hydrocarbons
5. OC Pesticide – Organochlorine Pesticides

Recommendations

Based on this information, it is our opinion that a Phase Two Environmental Site Assessment is required for the subject property in order to investigate the APECs on the subject property.

This Phase One ESA was carried out in general accordance 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.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Phase One Property Information

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Conseil des Écoles Publiques de l'Est de L'Ontario (CEPEO) to carry out a Phase One Environmental Site Assessment (ESA) for the proposed school development at 2405 and 2419 Mer Bleue Road, in Ottawa, Ontario. (hereafter referred to as “the subject property”). The legal description for 2405 and 2419 Mer Bleue Road are part of lot 4, concession 11, being part 1 on plan 4R-29146, formerly City of Cumberland PIN 14563-1816 and part of lot 4, concession 11, being plan 50R-6110, formerly City of Cumberland PIN14563-0513 respectively. The subject property is not an enhanced investigation property as defined by Ontario Regulation 153/04. The location of the subject property is illustrated on the Key Plan, Figure 1.

The subject property at 2405 Mer Bleue Road is currently owned by Louis Bisson and Raymonde Bisson; and, the current owners of 2419 Mer Bleue Road are François Bérubé and Denis Brûlé. The contact person for the subject property is Mr. Benoit Duquette, at 613-742-8960.

2.0 SCOPE OF INVESTIGATION

The primary objective of this Phase One ESA was to identify any former or current potentially contaminating activities at the subject property and its vicinity to determine if they create any areas of potential environmental concern on the subject property.

This Phase One ESA was carried out in general accordance with Ontario Regulation 153/04 made under the Ontario Environmental Protection Act and meets the requirements of Part VII (Sections 23 to 31) and Schedule D of the regulation. The scope of the investigation includes a records review, interviews, a site reconnaissance, an evaluation of the information gathered and reporting. The Phase One ESA report will document and demonstrate how the objectives of the Phase One ESA were achieved and whether further investigation is required.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The subject property has an area of approximately 4.9 hectares (12 acres) and is located at 2405 and 2419 Mer Bleue Road in Ottawa, Ontario. The subject property was used for agricultural activities since prior to 1945. Structures are first visible on the subject property in an aerial photograph from 1958. Additional structures were constructed sometime between 1968 and 1983.

Historical land use in the study area was predominantly agricultural with residential developments on some plots of land. Based on this information, a Phase One ESA study area of 250 metres surrounding the subject property is deemed sufficient for the purpose of this Phase One ESA. The location of the subject property and the extent of the Phase One ESA study area are provided on the Study Area Plan, Figure 2. A topographic map is provided on Figure 3.

No land use outside the 250 metres study area has been identified as a considerable environmental concern to warrant inclusion in the study area.

3.1.2 First Developed Use Determination

Based on a review of the historical information, the subject property was first developed sometime between 1945 and 1958. Aerial photographs indicate the presence of structures and the storage of materials on the subject property starting in the 1958 aerial photograph.

3.1.3 Fire Insurance Plans / Insurance Reports

A search of available fire insurance plans (FIPs) was conducted for the subject property as well as the surrounding study area. No FIPs were available for the study area, one (1) inspection report was available for 2419 Mer Bleue Road in 2007, details from the report are summarized below:

Inspection report – 2007 François Bérubé and Denis Brûlé 2419 Mer Bleue Road, Orleans Ontario, K4A 3V1

- This report was completed as an all risk inspection report on June 28, 2007;
- The report indicated that there were three (3) buildings presents on site:
    - One (1) residential duplex;
    - One (1) barn used for storage; and,
    - One (1) landscapers garage used to store and repair vehicles.
- At the time of inspection, the barn was identified as potential for fire hazard as electrical fixtures were not properly protected, housekeeping in the barn was congested and that two (2), six-year-old gasoline tanks were located in front of the barn;

- The contents of the gasoline tanks were listed as 1360 litres of regular gasoline of 2200 litres of clear diesel. The tanks were duly protected against vehicle impact by bumper guards;
- At the time of report, no portable fire extinguishers were present on the subject property; and,
- Heating was provided through suspended gas unit heaters.

The search results are provided in Appendix A.

3.1.4 Chain of Title

A chain of title search for the subject property was provided by Wentzell Titles of Kemptville, Ontario and is included in Appendix B. The legal description for of 2405 and 2419 Mer Bleue Road are part of lot 4, concession 11, being part 1 on plan 4R-29146, formerly City of Cumberland PIN 14563-1816 and part of lot 4, concession 11, being plan 50R-6110, formerly City of Cumberland PIN14563-0513 respectively.

- The subject property was first purchased from the Crown by Margaret Cozens in 1836;
- The property was owned by multiple owners and was split into two (2) parcels in 1905;
- The current owners of 2405 Mer Bleue Road are Louis Bisson and Raymonde Bisson; and,
- The current owners of 2419 Mer Bleue Road are François Bérubé and Denis Brûlé.

3.1.5 Previous Environmental and Geotechnical Report

Previous environmental reports were not available for review for the subject property.

3.2 Environmental Source Information

3.2.1 Ecolog ERIS Database Report

GEMTEC contacted Ecolog Environmental Risk Information Services Ltd. (Ecolog ERIS) to conduct a search of over fifty (50) public and private information databases for the subject properties and the area within 250 metres of the subject properties. The complete Ecolog ERIS report including a list of databases searched is provided in Appendix C.

All listings in the Ecolog ERIS report were reviewed and the relevant highlights pertaining to potentially contaminating activities are as follows:

Address / Location	Distance from Subject Property	Company / Name	Database	Description
2419 Mer Bleue Road	On-Site	Franick Road Services Inc.	Ontario Regulation 347 Waste Generators Summary	Listed as producing the following wastes in 2005 and 2006: Aliphatic Solvents Waste Oils & Lubricants
2405 Mer Bleue Road	On-Site	Mattamy (Mer Bleue) Limited	Environmental Compliance Approval	An ECA was approved in 2015 for municipal and private sewage works for Phase 1 of the Summerside West development.
2405 Mer Bleue Road	On-Site	Mattamy (Mer Bleue) Limited	Environmental Compliance Approval	An ECA was approved in 2016 for municipal and private sewage works for Phases 2 and 3 of the Summerside West development.
2405 Mer Bleue Road	On-Site	Mattamy (Mer Bleue) Limited	Permit to Take Water	A PTTW was accepted in 2015.

3.2.2 City Directories

A review of the city directories from 1961 to 2011 was completed for the subject property, and several adjacent properties including 2374, 2382, 2388, 2390, and 2431 Mer Bleue Road, 2564 Tenth Line Road, and 329, 339, and 359 Willow Aster Circle in Ottawa, Ontario. A copy of the City Directory records are provided in Appendix D. All records were reviewed and the relevant highlights are provided in the following table:

Address	Distance from Subject property	Description
2405 Mer Bleue Road	Subject property	1992 to 2011 - Residential 1961 to 1987 - No entry
2419 Mer Bleue Road	Subject property	2006/07 to 2011 - No entry 1996/97 to 2001/02 - Residential 1961 to 1992 - Address not listed
2382 Mer Bleue Road	55 metres west	2011 - Eric Lemire Enterprises Inc., and residential 2006/07 - Residential 2001/02 - Address not listed 1992 to 1996/97 - Residential 1961 to 1987 - Address not listed

Address	Distance from Subject property	Description
2388 Mer Bleue Road	20 metres west	2011 - Done Right Contracting 1996/97 to 2006/07 - Residential 1961 to 1992 - Address not listed

3.2.3 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) was contacted to conduct a search for the adjacent properties located at 2374, 2382, 2388, 2390, 2431, and 2405 Mer Bleue Road, 2564 Tenth Line Road, 329, 339, and 359 Willow Aster Circle in Ottawa, Ontario. A response from the TSSA indicated that there are no records of any fuel storage tanks at the requested addresses.

It should be noted that the Fuels Safety Division of the TSSA did not register private fuel underground or aboveground storage tanks prior to January of 1990 or furnace oil tanks prior to May 1, 2002.

A copy of the search request, and response from the TSSA is provided in Appendix E.

3.2.4 City of Ottawa – Freedom of Information Request

Records from the City of Ottawa Historical Land Use Inventory (HLUI) were provided to us as part of this study. The following activities associated with potential environmental concerns were identified while reviewing the HLUI:

- Unnamed auto wrecker/ junk yard south of the subject property, registered in 1967 to 1985.

A copy of the information provided by the City of Ottawa is provided in Appendix F.

3.2.5 Mapping of Federally Contaminated Sites

A Government of Canada, Treasury Board of Canada Secretariat, interactive map of contaminated sites among other things was reviewed. The database provides an inventory of over four thousand federally contaminated sites across the country. The report did not identify any federally contaminated sites within the study area.

3.2.6 Ontario Inventory of PCB Storage Sites

The Waste Management Branch of the Ontario Ministry of the Environment published an Ontario Inventory of PCB Storage Sites in October 1991. The publication includes information of PCB storage sites collected under O.Reg 11/82 through MOE district and regional offices. The document did not identify any PCB storage sites within the study area.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Selected aerial photographs were examined as part of this Phase One ESA. Copies of the aerial photographs are provided in Appendix G.

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 1945. Observations made with respect to the selected aerial photographs are discussed below:

Date	Photograph Number	Observations
1945	A9604-52	The site and all properties within the study are area undeveloped and used for agriculture.
1958	A16939-67	Development of a residential dwelling and farm has occurred in the south area of the subject property.
1968	A20883-146	Development has occurred on the subject property in the east portion, north of the existing structures. Development of residential dwellings as occurred along the west side of Mer Bleue Road.
1976	GeoOttawa	Additional residential development has occurred south of the subject property along Mer Bleue Road.
1983	A26246-17	Additional development has occurred in the south section of the subject property. Additional development has occurred north and northwest of the subject property.
1991	GeoOttawa	Additional development has occurred just south and northwest of the subject property.
2002	GeoOttawa	Additional residential development has occurred northwest of the subject property along Mer Bleue Road.
2011	GeoOttawa	No significant changes from the 2002 aerial photograph.
2017	GeoOttawa	Significant roadway, and residential development has occurred north of the subject property.

Based on the review of selected historical aerial photographs, the subject property has been agricultural since at least 1945. The subject property was developed between 1945 and 1958. Land use in the study area has historically been agricultural with a change to residential to the north between 1986 and 2017. No potentially contaminating activities were identified through the review of aerial photographs.

3.3.2 Topography, Hydrology and Geology

Surficial and bedrock geology maps of the Ottawa area indicate that the overburden in the vicinity of the subject property generally consists of clay, silty clay and silt with an approximate thickness of between 30 and 35 metres. The bedrock is mapped as interbedded limestone and shale of the Lindsay Formation.

The topography at the subject property and surrounding topography generally slopes southwards towards the Mer Bleue Bog. Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. It is expected that the local, shallow groundwater flow is to the south, towards the Bog. Localized groundwater flow may also be influenced by subsurface service trenches, such as storm sewers and public utility services.

3.3.3 Fill Materials

Fill material was not observed on the subject property, however both Mr. Bisson and Mr. Brûlé indicated that they imported fill onto the subject property. Mr. Bisson indicated that he brought in sand fill when he was building the structure at 2405 Mer Bleue Road. Mr. Brûlé indicated that he used fill material at the landscaping shop and also said that the fill he used would be full of interlocking brick and block material as well as other potential landscaping wastes at 2419 Mer Bleue Road.

3.3.4 Water Bodies and Areas of Natural Significance

No provincially significant wetlands (PSWs) or areas of natural and scientific interest (ANSIs) were identified on the subject property or within the study area. The Mer Bleue Bog is located to the south of the subject property approximately 2.5 kilometers away.

3.3.5 Well Records

The online database was reviewed from the Ministry of Environment and Climate Change (MOECC) Well Records for a 350-metre radius from the centre of the subject property. Nine (9) wells were identified within this search radius. The locations of the adjacent water wells, based on the UTM coordinates provided in the water well records, have been plotted on Figure 3 following the text of this report. The average depth to the water table based on the static water levels available from the MOECC well records is 2.4 metres below ground surface.

The MOECC well records indicate that the stratigraphy of the overburden in the area generally consists of a layer of clay/ blue clay over bedrock. Limestone or shale bedrock was encountered at an average depth of 28 metres below ground surface.

3.3.6 Site Operating Records

Site operating records were not available for the subject property.

4.0 INTERVIEW

Interviews were carried out with people familiar with the subject property. Details of the interviews are summarized in the following sections.

4.1 Interview with Homeowner at 2405 Mer Bleue Road

An interview was carried out in person with Mr. Louis Bisson, 2405 Mer Bleue Road property owner, on March 19, 2018. Mr. Bisson was identified as an interview candidate because he has been involved with the subject property since 1973. The following relevant information concerning potentially contaminating activities and areas of potential environmental concern were noted:

- Mr. Bisson indicated that the building has not been serviced with city water for the full time he has lived in the area, and that no sanitary or storm sewers exist on the subject property;
- He said that the subject area to the north was developed between 2003 to current, historically it had been used for agricultural purposes, the north portion of the site for cash crop and the south portion for cattle;
- Mr. Bisson indicated that when he built on his lot, be brought in over thirty (30) tandem truckloads of sand in order to slope the land;
- He indicated that the current residential developments in the area are not all serviced, but added that the new developments are full serviced;
- An aboveground storage tank was identified on Mr. Bisson's property and he said that the tank was used for his tractor (Kubota). The tank is full of diesel for the summer months and empty over the winter;
- He indicated that he does not complete his own tractor or vehicle maintenance;
- When asked about pesticide use, Mr. Bisson said that every year he would submit a soil sample to the COOP in Emburn and follow their recommendations on fertilizer/ pesticide use. He does not recall what was used on his site;
- Mr. Bisson indicated that there was drilling on Mattamy land north of the subject property and recalls both soil and groundwater samples being taken; and,
- Mr. Bisson does not know of any additional potentially contaminating activity during his time at the site.

4.2 Interview with Homeowner at 2419 Mer Bleue Road

During the site inspection of 2419 Mer Bleue Road, the homeowner, Mr. Denis Brûlé was also available to answer a few questions. The following relevant information concerning potentially contaminating activities and areas of potential environmental concern were noted:

- Mr. Brûlé indicated that the aboveground storage tanks on his property were for coloured and clear diesel for use in his tractors;

- He indicated that fill was brought onto site at the time of parking area development, he said that the fill would be full of interlocking brick and block and other waste material;
- Mr. Brûlé provided details about the mobile mechanic who works on his tractors and vehicles, Wayne's Mobile Service Shop who are also responsible for waste oil disposal;
- He indicated that he has never had a spill from the aboveground storage tanks;
- Mr. Brûlé indicated that he installed a water drainage system to the north of the garage/ office building; and,
- To the best knowledge of Mr. Brûlé there are no additional potentially contaminating activities on his property.

4.3 Assessment and Evaluation of Interview

The information provided in the interview is consistent with other information sources in that the subject property has been used for agricultural activities including equipment refueling, materials and equipment storage and pesticide use.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

A site reconnaissance was carried out on March 19, 2018 from 12:00 pm to 4:00 pm. The weather at the time of the site reconnaissance was clear with a temperature of approximately -5 degrees Celsius.

The primary assessor for this Phase One Environmental Site Assessment is Ms. Nicole Soucy. She possesses a formal education, which includes a Bachelor of Applied Science with a major in Civil Engineering, and a Master of Applied Science in Civil Engineering specializing in Environmental Engineering. This formal education has provided her with the knowledge and expertise with which to identify sources of environmental concern and evaluate their potential to cause environmental contamination. In addition, Ms. Soucy has successfully completed Workplace Hazardous Materials Information System (WHMIS) and Associated Environmental Site Assessors of Canada Inc. (AESAC) training.

The Phase One ESA was carried out under the supervision of Ms. Katherine Rispoli, M.A.Sc., P.Eng., ing., a Professional Engineer in the Province of Ontario to ensure that the Phase One ESA has been carried out to meet the objectives and requirements of Ontario Regulation 153/04. Ms. Rispoli is a registered Qualified Person to conduct environmental site assessments and file Record of Site Condition applications.

5.1.1 Site Photographs

Photographs of the subject property were taken during the course of the site reconnaissance to document the general condition of the subject property and any areas of potential environmental concern. The relevant photographs are presented in Appendix H. A discussion of the photographs is provided in the following table:

Plate Number	Compass Orientation	Description
H1	-	Cleaning supplies in many of the buildings on the subject property
H2	-	Paint stored in many of the buildings on the subject property
H3	-	Oils, gasses and other supplies stored in the garage at 2405 Mer Bleue and the barn at 2419 Mer Bleue Road
H4	North	Compressed gas used for welding in the shop at 2419 Mer Bleue Road
H5	-	French drain in the shop at 2419 Mer Bleue Road

Plate Number	Compass Orientation	Description
H6	North, and East	Aboveground storage tanks at 2419 and 2405 Mer Bleue road
H7	-	A catch basin, transformer and fire hydrants identified in the study area

5.2 Specific Observations at Phase One Property

5.2.1 Onsite Structures

A total of four (4) buildings were observed on the subject property.

5.2.2 Observations

2405 Mer Bleue Road

- Two (2) septic tanks exist on the subject property for use of the house and apartments;
- Electrical panels and hot water tanks were identified in the units and house, and seem to be in good working order at the time of site visit;
- One (1) unit has a sewage pump for disposal, no staining was observed at the time of site visit;
- Everyday cleaning and laundry supplies were identified in all units and the house, they were properly labelled and stored at the time of site visit;
- Some paint storage was identified on the subject property, no lead paints were identified;
- The residences are heated with a combination of electrical baseboard heaters and a natural gas fired furnace;
- Propane, oil, and jerry cans among other things were identified in the garage attached to the house;
- A ditch existed along the front of the house and the homeowner has installed a culvert with two (2) catch basins to run between the ditches in front of his house under the asphalt driveway; and,
- There is an aboveground storage tank that was identified on the subject property.

2419 Mer Bleue Road

- One (1) septic tank exists on the subject property;
- Compressed oxygen gas is kept on the subject property for steel cutting, no metal dust was identified at the time of site visit;
- Two (2) french drains were identified, with some staining, in the garage/ office building, they flow to pits under the building that outflow towards the north and the south of the building, respectively;
- Two (2) active aboveground storage tanks were identified on the subject property;

- One (1) aboveground storage tank that is not currently in use was identified in the north section of the barn;
- Gases and oils were both stored in the garage/office building and the barn;
- A large garbage disposal bin was identified east of the barn of the subject property;
- Multiple truck and tractors were on site at the time of site visit;
- Tractor maintenance occurs on site by a mobile mechanic (Wayne's Service Shop) they are also responsible for waste oil disposal;
- The house on the site is split into two (2) apartments;
- The house is heated with a natural gas fired furnace, the hot water tank, electrical panel and furnace were all in good condition at the time of site visit; and,
- Cleaning supplies were identified in all of the units, they were properly labelled and stored at the time of site visit.

5.2.3 Site Services

The site is serviced with hydro, municipal water, and septic systems. No storm sewer was identified on site, however large ditches were identified along Mer Bleue Road.

5.3 Specific Observations within the Study Area

5.3.1 Services

New buildings in the study area are fully serviced with hydro, water, natural gas, and sanitary and storm sewers. Older building in the study area are mostly serviced with municipal waster, private septic systems and drainage, however primary water supply for all residences within the study area cannot be confirmed. Residential homes are connected to overhead hydro.

5.3.2 Water Bodies and Areas of Natural Significance

No water bodies or areas of natural significance were observed in the study area. The Mer Bleue Bog was identified south of the subject property.

5.3.3 Surrounding Properties

The following general observations were made for the properties surrounding the subject property:

- The developed properties adjacent to the subject property are serviced by natural gas, city water and electricity;
- Pole mounted transformers were identified along the roadway; and,
- Residential development to the north was underway by Mattamy Homes at the time of site visit.

5.4 Enhanced Investigation Property

The Phase One ESA properties are not enhanced investigation properties, since the available information indicates that the subject properties have never been used as a commercial garage, gasoline outlet, dry cleaning facility or for other industrial purposes.

5.5 Written Description of Investigation

The site reconnaissance was carried out on March 19, 2018 by Ms. Nicole Soucy, B.A.Sc., M.A.Sc. of GEMTEC. The site reconnaissance was carried out to determine if there were environmental concerns with the subject properties and/or surrounding property uses.

A detailed written description of the investigation and the results of the site reconnaissance investigation are provided in Sections 5.1 to 5.4.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

Current and past uses of the subject property are documented in the following table:

Year	Owner	Description of Property Use	Observations
1836 to 1905	Margaret Cozens and others	Unknown (Likely Agricultural)	No aerial photographs prior to 1945 were available for review.
1905 to 1917	The property was split into two parcels which remain until current day		
1905/1917 to 2015	Various Private Owners	Agricultural	A structure is visible in the 1958 aerial photograph. Additional structures were identified between 1968 and 1983.
2017	2405 Mer Bleue Road: Louis Bisson and Raymonde Bisson 2419 Mer Bleue Road: François Bérubé and Denis Brûlé	Agricultural, residential, and commercial	Structures are visible on the aerial photograph.

6.2 Potentially Contaminating Activities

Potentially contaminating activities within the Phase One ESA study area and the likelihood for creating an area of potential environmental concern (APEC) on the subject property are as follows:

PCA and Location	Description	Likelihood of Creating APEC	Rationale
Four (4) aboveground storage tanks on the subject property	Site reconnaissance identified three (3) active aboveground diesel storage tanks. One (1) of the tanks had a volume of 1,360 litres and the other two (2) had a volume of 2,200 litres each. The last tank was identified in the north area or the barn and was confirmed empty and not in use.	High	Based on the type of activity that is occurring on the subject property
Fill of unknown origin onsite	Both Mr. Bisson and Mr. Brûlé indicated that they imported fill onto the subject property. Mr. Bisson indicated that he brought in sand fill when he was building the structure at 2405 Mer Bleue Road. Mr. Brûlé indicated that he used fill material at the landscaping shop and also said that the fill he used would be full of interlocking brick and block material as well as other potential landscaping wastes at 2419 Mer Bleue Road.	Medium	Based on the type of activity that is occurring on the subject property
Landscaping garage on site used for personal vehicle and tractor maintenance and repair	Both Mr. Bisson and Mr. Brûlé indicated that while the did not personally complete vehicle maintenance on site, at times maintenance is completed on site by mobile mechanics. The mechanics are responsible to dispose of wastes.	Medium	Based on the type of activity that is occurring on the subject property
Fertilizer, pesticide and/or herbicide use on site	Mr. Bisson indicated in his interview that for years the COOP would take a sample of local soil and then recommended options for treating the soil prior to planting. He could not however identify what was used on his property.	Medium	Based on the type of activity that is occurring on the subject property
Active residential construction site adjacent to the north of the subject property	Mattamy Homes is actively developing residential land north of the subject property. Mr. Bisson indicated he recalled drilling north of the subject property as well as soil and groundwater sampling.	Low	Based on the type of activity, proximity to subject property and anticipated groundwater flow direction

PCA and Location	Description	Likelihood of Creating APEC	Rationale
Waste Generator at 2419 Mer Bleue Road (On-site)	Records review (ERIS report) identified waste generation of aliphatic solvents and waste oils and lubricants on site between 2005 and 2006.	Low	Based on type of activity
Unnamed auto wrecker south of the subject property	Records review (HLUI) identified an unnamed auto wrecked south of the subject property, however no remnants of a wrecking yard were identified during the site reconnaissance, or aerial photograph review.	Low	Based on anticipated groundwater flow, and large potential area for activity to have taken place.

6.3 Areas of Potential Environmental Concern

The areas of potential environmental concern (APECs) identified on the subject property are summarized in the following table:

APEC	Location of APEC on Phase One Property	PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC 1	North of the building at 2405 Mer Bleue Road, and in the area of the barn at 2419 Mer Bleue Road	Four (4) aboveground storage tanks	• PHCs[1] • VOCs[2] or BTEX[3] • Metals • PAHs[4]	Soil & Groundwater
APEC 2	All over the subject property	Fill Material of unknown origin	• PAHs • Metals	Soil
APEC 3	Near the outlet of the French drains at 2419 Mer Bleue Road	Landscaping garage on site used for personal vehicle and tractor maintenance and repair	• PHCs • VOCs or BTEX • Metals • PAHs	Soil & Groundwater
APEC 4	On the agricultural land on site east of the structure at 2405 Mer Bleue Road	Fertilizer, pesticide and/or herbicide	• OC Pesticides[5] • Metals • PAHs	Soil & screening Groundwater

Notes:

1. PHCs – Petroleum Hydrocarbons
2. VOCs – Volatile Organic Compounds

3. BTEX – Benzene, Toluene, Ethylbenzene, Xylene
4. PAHs – Polycyclic Aromatic Hydrocarbons
5. OC Pesticide – Organochlorine Pesticides

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. These three components were evaluated using our professional experience, judgment and available documentation including guidelines to determine potentially contaminating activities. Available historical records were cross-referenced with other records to verify their accuracy. The observations from the site reconnaissance and information provided through the interview validated the available historical records for the subject property, and vice versa. The potentially contaminating activities were then reassessed using our professional experience and judgment in order to identify the areas of potential environmental concern on the subject property. In combination, the factual review of available historical records and application of professional judgment have led to a thorough analysis that is sufficient for the purposes of the Phase One ESA.

A summary and description of the determined areas of potential environmental concern and the contaminants of potential concern are provided in the following section:

6.3.1 APEC 1: Aboveground Fuel Storage Tanks for Equipment Refueling

Four (4) aboveground fuel storage tanks are located on the subject property and are used for equipment refueling. The tanks contain clear and coloured diesel, and one (1) of the tanks is empty. No staining was observed in the vicinity of the storage tanks. Due to the nature of the hydrocarbon products stored, the associated contaminants of concern are petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylene (BTEX), volatile organic compounds (VOCs), and polycyclic aromatic hydrocarbons (PAHs).

6.3.2 APEC 2: Fill Material of Unknown Origin

Both Mr. Bisson and Mr. Brûlé indicated that they imported fill onto the subject property. Mr. Bisson indicated that he brought in sand fill when he was building the structure at 2405 Mer Bleue Road. Mr. Brûlé indicated that he used fill material at the landscaping shop and also said that the fill he used would be full of interlocking brick and block material as well as other potential landscaping wastes at 2419 Mer Bleue Road.Due to the unknown origin and quality of this fill material, the contaminants of concern are metals and PAHs.

6.3.3 APEC 3: Equipment Maintenance in Garage

Maintenance of equipment takes place by mobile mechanic on the subject property. Products including anti-freeze, lubricants, hydraulic oil, spray paint, and other products were observed during the site reconnaissance. Due to the variety of products used in vehicle maintenance, the contaminants of concern are PHCs, BTEX, PAHs, metals, and VOCs.

6.3.4 APEC 4: Fertilizer, pesticide and/or herbicide

Historically the subject property has been used for agricultural purposes. Mr. Bisson, indicated that he has been using pesticides as recommended by the Coop. The associated contaminants of concern are OC Pesticides.

6.3.5 Discussion of Uncertainty

There is uncertainty associated with the types and quantity of pesticides used on the subject property. There is also uncertainty with the location of the unnamed auto wrecked south of the subject property. The contents of the two tanks at 2419 Mer Bleue Road is also an uncertainty as the owner indicated coloured and clear diesel, however an inspection in 2007 indicated regular gasoline and clear diesel - it is possible that the contents of the tanks changed between 2007 and 2018.

6.4 Phase One Conceptual Site Model

The required details of the Phase One Conceptual Site Model are presented on Figure 2 and Figure 3 as noted in the following table:

Conceptual Model Detail	Figure
Existing Buildings and Structures	Study Area Plan, Figure 2
Water Bodies	Topographic Map, Figure 3
Areas of Natural Significance	Not Present within the Phase One Study Area
Drinking Water Wells	Topographic Map, Figure 3
Roads	Study Area Plan, Figure 2
Adjacent Property Use	Study Area Plan, Figure 2
Potentially Contaminating Activities	Study Area Plan, Figure 2
Areas of Potential Environmental Concern	Study Area Plan, Figure 2

A description and assessment of the areas where potentially contaminating activities have occurred and the factors that could affect contaminants of concern, if any, are provided in Section 6.2.

6.4.1 Underground Utilities

There is potential for underground utilities to affect contaminant transport on or to the subject property, if contaminants are present. The subject property is serviced with municipal waster. A drain was also observed in the garage, which discharges to the north and east of the building.

6.4.2 Geological and Hydrogeological Information

Surficial and bedrock geology maps of the Ottawa area indicate that the overburden in the vicinity of the subject property generally consists of clay, silty clay and silt with an approximate thickness of between 30 and 35 metres. The bedrock is mapped as interbedded limestone and shale of the Lindsay Formation.

The topography at the subject property and surrounding topography generally slopes southwards towards the Mer Bleue Bog. Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. It is expected that the local, shallow groundwater flow is to the south, towards the Bog. Localized groundwater flow may also be influenced by subsurface service trenches, such as storm sewers and public utility services.

6.5 Discussion of Uncertainty

There is uncertainty with the Phase One Conceptual Site Model associated with using well record data, topographic and geology maps from external sources. Information based on these sources may have changed since publishing due to construction, seasonal variations, or other factors.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Gemtec Consulting Engineers and Scientists Ltd. (GEMTEC) was retained by the Conseil des Écoles Publiques de l'Est de L'Ontario to carry out a Phase One Environmental Site Assessment (ESA) for the subject property located at 2405, and 2419 Mer Bleue Road in Ottawa, Ontario.

The following Areas of Potential Environmental Concern (APECs) were determined through the Phase One ESA to exist for the subject property:

APEC	Location of APEC on Phase One Property	PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC 1	North of the building at 2405 Mer Bleue Road, and in the area of the barn at 2419 Mer Bleue Road	Four (4) aboveground storage tanks	• PHCs[1] • VOCs[2] or BTEX[3] • Metals • PAHs[4]	Soil & Groundwater
APEC 2	All over the subject property	Fill Material of unknown origin	• PAHs • Metals	Soil
APEC 3	Near the outlet of the French drains at 2419 Mer Bleue Road	Landscaping garage on site used for personal vehicle and tractor maintenance and repair	• PHCs • VOCs or BTEX • Metals • PAHs	Soil & Groundwater
APEC 4	On the agricultural land on site east of the structure at 2405 Mer Bleue Road	Fertilizer, pesticide and/or herbicide	• OC Pesticides[5] • Metals • PAHs	Soil & screening Groundwater

Notes:

1. PHCs – Petroleum Hydrocarbons
2. VOCs – Volatile Organic Compounds
3. BTEX – Benzene, Toluene, Ethylbenzene, Xylene
4. PAHs – Polycyclic Aromatic Hydrocarbons
5. OC Pesticide – Organochlorine Pesticides

7.1 Recommendations

Based on this information, it is our opinion that a Phase Two Environmental Site Assessment is required for the subject property in order to investigate the APECs on the subject property.

The Phase One Environmental Site Assessment has been carried out by the qualified personnel and reviewed by the undersigned. This Phase One ESA was carried out in general accordance 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.

8.0 LIMITATIONS OF LIABILITY

The Phase One Environmental Site Assessment has been carried out by the qualified person and reviewed by the undersigned. This Phase One ESA was carried out in general accordance 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 subject property 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 Conseil des Écoles Publiques de l'Est de L'Ontario and is based on data and information collected during the Phase One ESA of the property conducted by Gemtec Consulting Engineers and Scientists Ltd. This report may not be relied upon by any other person or entity without the express written consent of Gemtec Consulting Engineers and Scientists Ltd. and Conseil des Écoles Publiques de l'Est de L'Ontario. In evaluating this site, Gemtec Consulting Engineers and Scientists Ltd. 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 Consulting Engineers and Scientists Ltd. 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 subject property 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 subject property and does not constitute a complete assessment of the adjacent sites.

9.0 REFERENCES

Geography Network Canada. Ontario Basic Mapping (http://www.geographynetwork.ca/website/obm/viewer.htm). October 2004.

Geological Survey of Canada. Urban Geology of the National Capital Region (http://gsc.nrcan.gc.ca/urbgeo/natcap/index_e .php). November 5, 2007.

Intera Technologies Ltd. Mapping and Assessment of Former Industrial Sites, City of Ottawa, Volume 1. July 1988. Project Reference H87-053.

National Capital Commission Mapping of Federally Contaminated Sites. (https://map-carte.tbs-sct.gc.ca/map-carte/fcsi-rscf/map-carte.aspx?Language=EN&qid=2305646&backto=https://www.tbs-sct.gc.ca/fcsi-rscf/numbers-numeros-eng.aspx?qid=2305646)

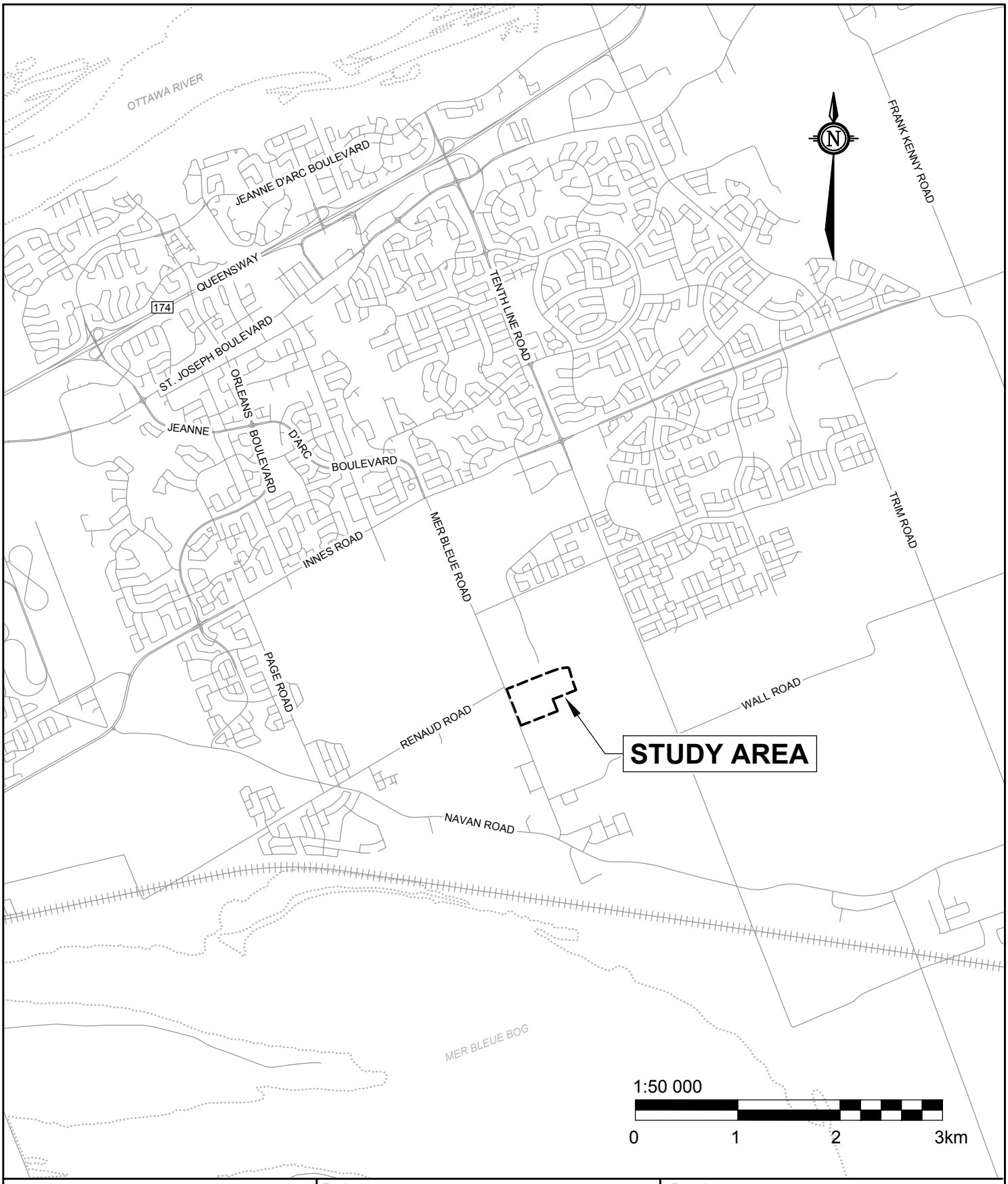
Ontario Ministry of the Environment (Waste Management Branch). Ontario Inventory of PCB Storage Sites, (https://ia802302.us.archive.org/22/items/ontariopcbsites91onta/ONTARIOINVENTORY_00_SNSN_07164.pdf). January 1992

Ontario Ministry of the Environment. Ontario Regulation 153/04, Made under the Environmental Protection Act, Part XV.1 – Records of Site Condition. January 1, 2014.

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.

Nicole Soucy, B.A.Sc., M.A.Sc.
Junior Environmental Scientist

Katherine Rispoli, M.A.Sc., P.Eng., ing.
Environmental Engineer

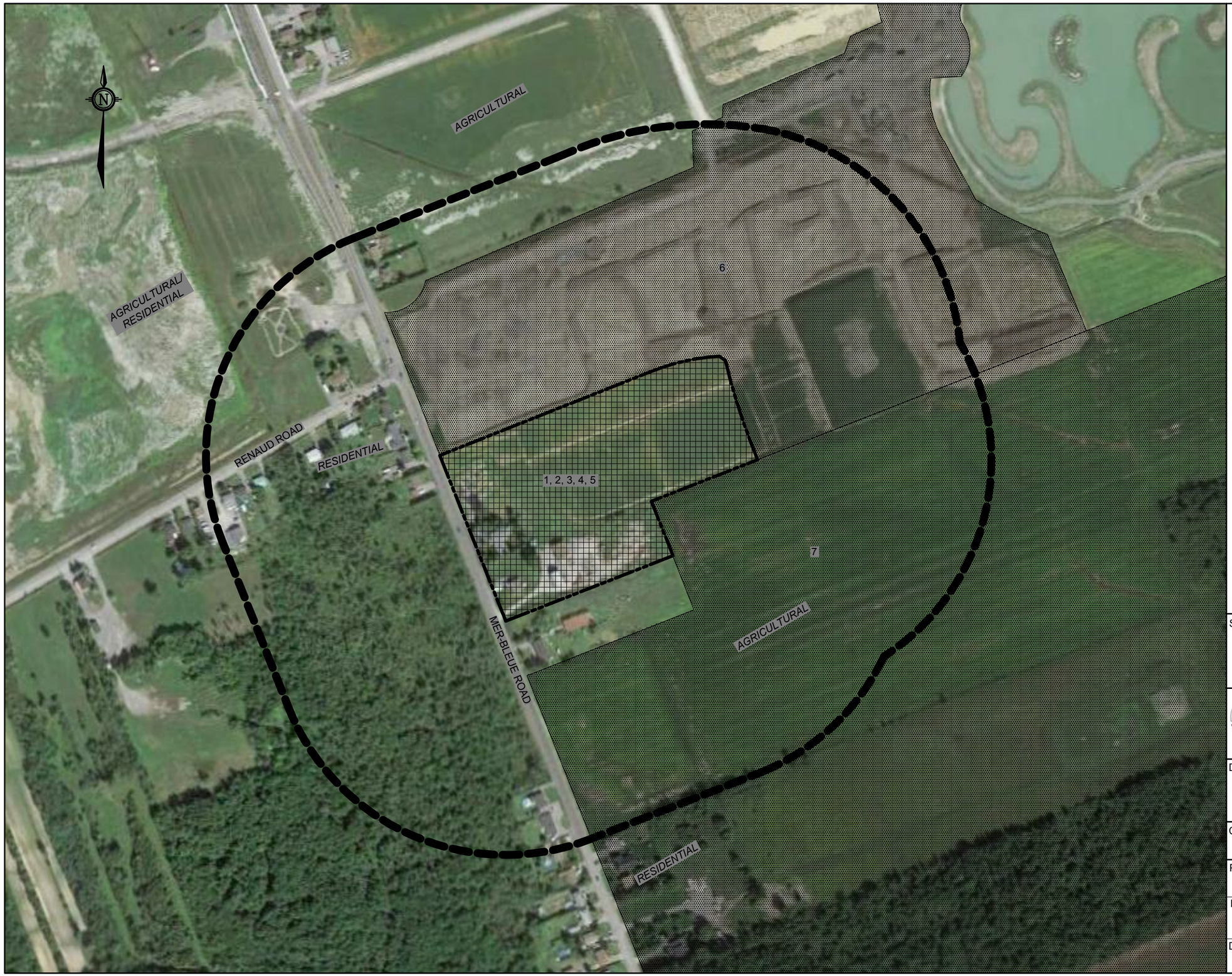


GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

Project	Drawing
PHASE ONE ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	KEY PLAN

Drwn By	Chkd By	Date	Project No.	Revision No.	
S.L.	N.S.	MAY 2018	62721.07	0	**FIGURE 1**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_(02)_FG1_V01_2018-05-23.dwg



LEGEND

STUDY AREA

250 METRE BUFFER SHOWING EXTENT OF STUDY AREA

ON-SITE POTENTIALLY CONTAMINATING ACTIVITIES

1 WASTE GENERATOR
2 FUEL TANK(S)
3 FILL OF UNKNOWN ORIGIN
4 PESTICIDE/ HERBICIDE USE
5 VEHICLE MAINTENANCE ON SITE

OFF-SITE POTENTIALLY CONTAMINATING ACTIVITIES

6 FILL MATERIALOF UNKNOWN ORIGIN
7 HISTORICAL AUTO WRECKER/ JUNK YARD

RISK LEVELS

HIGH
MEDIUM
LOW

Scale 1:4000

0 80 160 240m

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

Drawing
STUDY AREA PLAN

Client
CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

Project 62721.07

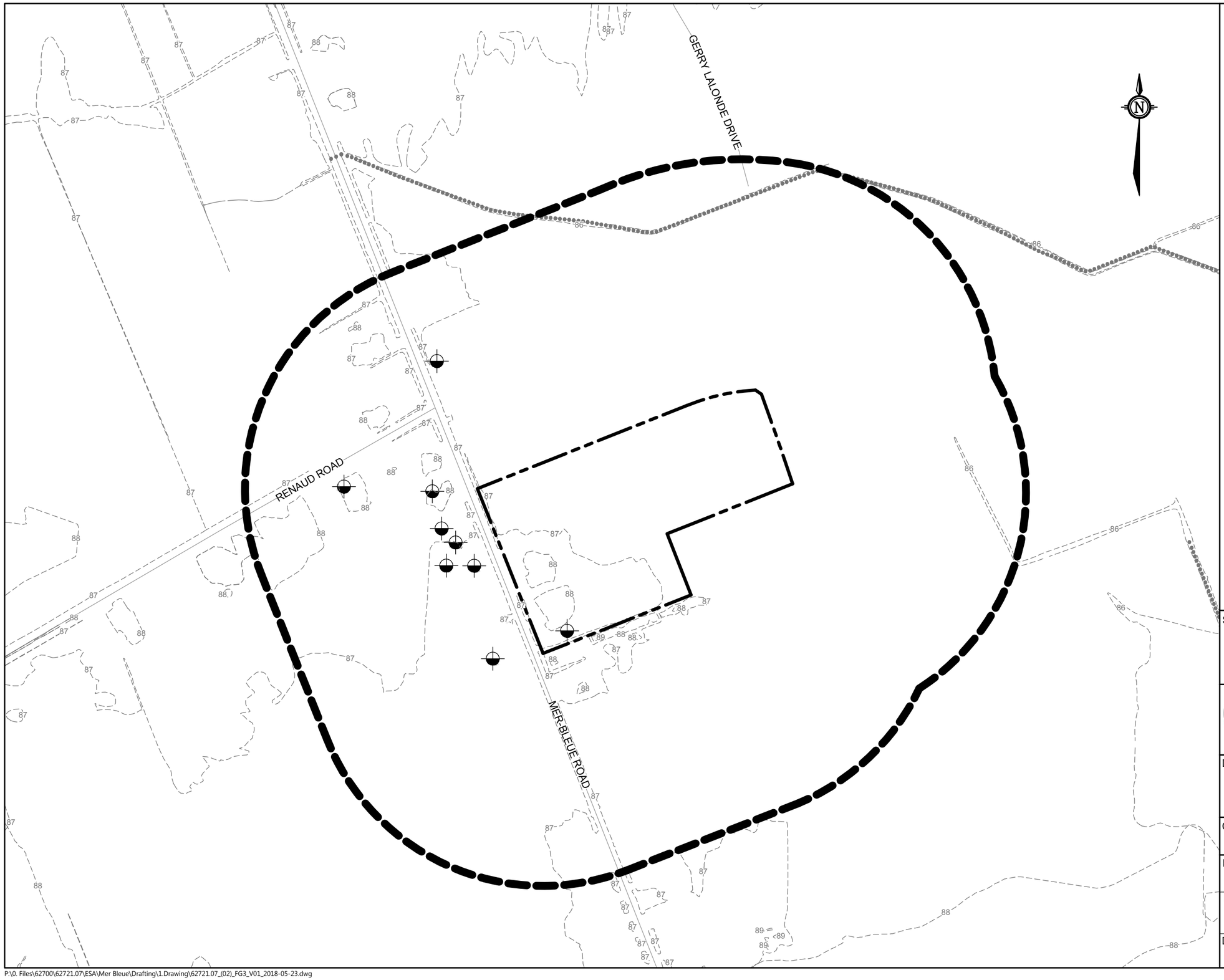
PHASE ONE ESA
MER-BLEUE SCHOOL
2401 & 2419 MER-BLEUE ROAD
OTTAWA, ONTARIO

Drwn by S.L.
Chkd by N.S.

Date MAY 2018
Rev. 0

FIGURE 2

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_(02)_FG2_V01_2018-05-23.dwg



LEGEND

- MOECC WELL RECORD (APPROXIMATE LOCATION)
- STUDY AREA
- 250 METRE BUFFER SHOWING EXTENT OF STUDY AREA
- WATER BODIES
- 100 CONTOUR INTERVAL, IN METRES

Scale 1:4000

0 80 160 240m

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

Drawing: TOPOGRAPHIC PLAN

Client: CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO

Project: 62721.07

PHASE ONE ESA
MER-BLEUE SCHOOL
2401 & 2419 MER-BLEUE ROAD
OTTAWA, ONTARIO

Drwn by: S.L.
Chkd by: N.S.

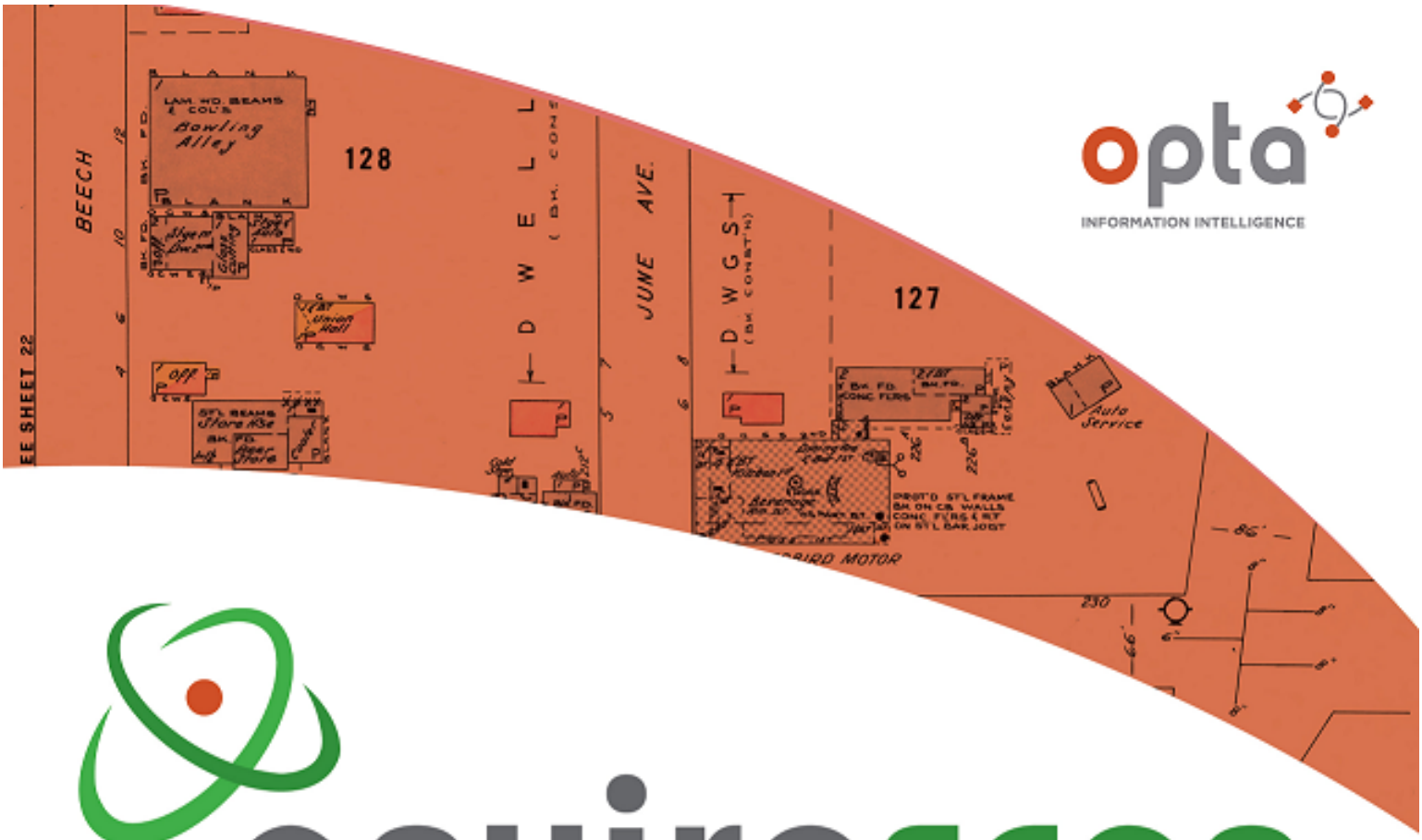
Date: MAY 2018
Rev.: 0

FIGURE 3

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_(02)_FG3_V01_2018-05-23.dwg

APPENDIX A

Fire Insurance Plans



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Catherine

Site Address:

2401 2419 Mer Bleue Orleans ON

Project No:

20180208075

Opta Order ID:

46163

Requested by:

Eleanor Goolab
Eris

Date Completed:

3/16/2018 12:48:58 PM

Project Name: quote

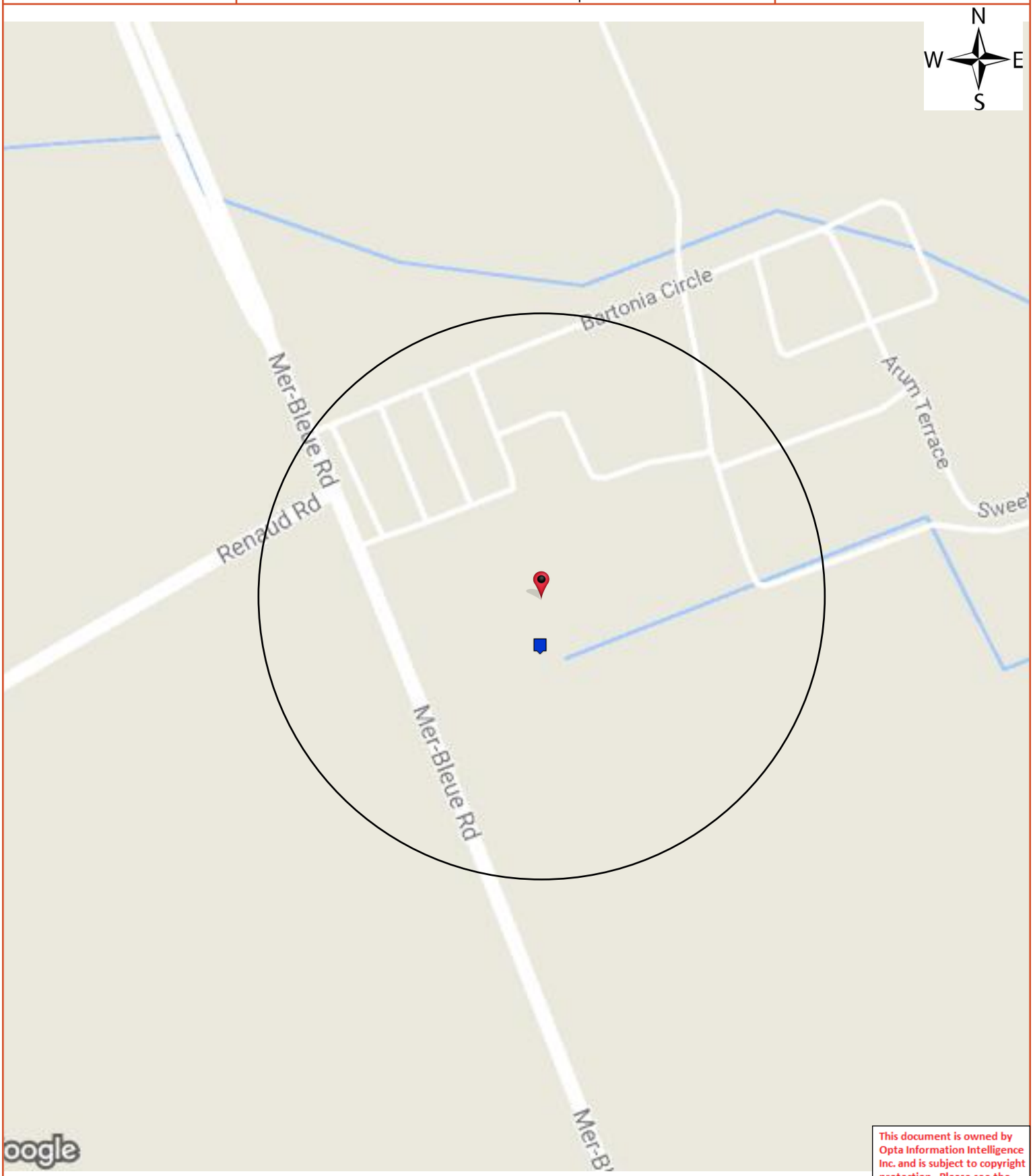
Project #: 20180208075

ENVIROSCAN Report

Search Area: 2401 2419 Mer Bleue Orleans ON

Requested by:
Eleanor Goolab
Date Completed: 03/16/2018 12:48:58

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan ™ Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

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

Report Index

Requested by:
Eleanor Goolab
Date Completed: 03/16/2018 12:48:58

OPTA INFORMATION INTELLIGENCE

Page	Report Title
5	(2007) Inspection Report - 2007 Francois Berube and Denis Brule 2419 Mer-Bleue Rd Orleans ON K4A3V1 (distance = 100 metres*)

N
W E
S

Inspection Report - 2007 Francois Berube and Denis Brule 2419 Mer-Bleue Rd Orleans ON K4A3V1

N
W E
S

CGI All Risk
INSPECTION REPORT

Supplement/s attached: ☒ Yes # of : 1 ☐ No

1.0 BASIC INFORMATION

Insured:	Francois Berube and Denis Brule	**Policy Number**	00422041
Date of survey (YYYY/MM/DD):	2007/06/28	**CGI Loss Control Specialist:**	Luc McCann C.I.P., C,C.F.I.-C., C.R.M., WETT Certified, A.H.J. Pyrotechnics
Person Contacted: **Position**	Mister Francois Berube Co-Owner	**Telephone No.**	613-236-9234
Mailing Address if Different for risk:	(unit # street # & name)	(City, Town, Village)	**CGI AIS No.: 72697122** **Tracking No.: 5622096**
Location Surveyed:	Rear of 2419 Mer Bleue Road (Building # 1) (unit # street # & name)	Ottawa (Former Orleans) (City, Town, Village)	Ontario (Province) K4A 3V1 (postal code)
Secondary address (If any)	(unit # street # & name)	(City, Town, Village)	(Province) (postal code)
IBC Territory Code	63	**IBC Building Ind. Code: 5513**	**SR/MA File No.**
Underwriter: Debbie Smith		**Broker:** Tanner Insurance	

The *CGI Risk·Score* and comments contained in this report are based on conditions and practices observed during our survey and other pertinent data supplied by management personnel at the risk.

Recommendations in this report are made to point out those areas where remedial action could have the beneficial effect of making the above premises safer and thus more desirable from an underwriting standpoint.

Thank you for choosing CGI to perform this inspection. Please do not hesitate to contact us if we can be of any further assistance.

2.0 *CGI Risk·Score*

	1	2	3	4	5	6	7	8	9	Comments
Property	☐	☐	☒	☐	☒	☐	☐	☐	☐	*Recommendations Apply Grade 3 Building 1 and Grade 5 Building 2.*
Liability	☒	☐	☐	☐	☐	☐	☐	☐	☐	*No special hazards noted*
Crime	☒	☐	☐	☐	☐	☐	☐	☐	☐	*No special crime hazards noted at the time of this survey.*

(1=Excellent & 9=Poor)

Committed to Service Excellence

RISK ALERT ISSUED: ☐ **Yes** ☒ **No** **IF YES, DESCRIBE** (*A risk alert is a telephone notification to the Inspection requestor, of a situation which could imminently cause a serious loss. A Critical Recommendation will be issued to address the situation.)*

Meaning of the CGI Risk·Score: The CGI Score is a grading of the risk inspected versus other risks in this class. Similar to the "Commercial" Fire Protection Grading system in design, there is range of 9 categories, with a grading or "score" of 1 being the most desirable. The CGI Score is based on a number of objective criteria pertaining to the risk at the time of our survey, tempered with the experienced judgement of our Loss Control Specialist. As a general guideline, the scores mean the following criteria:

1-3	Risks in this range are well maintained, with no apparent moral hazards or management problems. Undesirable features are non-existent and recommendations, if any, are desirable. Risks in this category are excellent (no deficiencies) to better than average for their class.
4-6	The maintenance of Risks in this range is considered average. Moral hazards are not apparent, but there may be possible management problems (e.g. poor housekeeping). Undesirable features noted are correctable, and recommendations will vary from desirable to important. Risks in this category are considered average for their class.
7-9	Risks in this range tend to be poorly maintained. Moral hazards and management problems (e.g. poor housekeeping and maintenance, poor attitude) are evident. Significant undesirable conditions are present and cannot or will not be corrected. Critical Recommendations may be present. Risks in this category are significantly below average for their class with little or no indication for improvement.

3.0 REMARKS

There are three buildings that are located on this lot. One is a residential building occupied as a rented duplex which is not part of this report, one is a barn that is used to store all types of stock and the last one is a landscaper's garage used to store and repair his own vehicles and equipment. A class 6 construction has been given to the barn (Building 2) because of the condition of the building and the potential loss to fire which is estimated at 100%. The electrical fixtures in the barn are not protected (Rec. Made). The interior of the barn is highly congested (Rec. Made). There are two six years old gasoline tanks located at the front of the Barn. The contents is 1=1360 Liters of regular gasoline and 1= 2200 Liters of Clear Diesel. The tanks are duly protected against vehicle impact by bumper guards. Building 1 is newer and clean and well kept. There are no portable fire extinguishers in this building (Rec. Made).

No Special Liability Hazards were noted at the time of this survey.

No special crime hazards were noted at the time of this survey.

4.0 RECOMMENDATIONS

Please note that these recommendations are classified as either ☐ **Critical,** ☒ **Important, or** ☐ **Desirable Improvement**. **"Critical"** recommendations are those aimed at correcting undesirable feature/s which, if left unattended, could cause a serious loss and should be rectified immediately. This class of recommendation is only used in extreme situations. **"Important"** recommendations are intended to highlight undesirable feature/s which if left unattended, could cause a serious loss and should be rectified as soon as possible. **"Desirable Improvement"** recommendations are those aimed at correcting an undesirable feature which can be improved when feasible, to help reduce the risk of a loss.

☒ Listed below	or	☐ None

07-1	☐ Critical ☒ Important ☐ Desirable Improvement
	The electrical light fixtures located inside the barn should be protected against rodents by means of metal covers.

07-2	☐ Critical ☒ Important ☐ Desirable Improvement
	The interior of the barn should be thoroughly cleaned and the stock stored in an orderly manner.

07-3	☐ Critical ☒ Important ☐ Desirable Improvement
	Provide 2 ULC or equivalent labeled portable fire extinguishers with a minimum classification of 2A-20BC for the Garage (Building 1). They should be placed in an easily visible and readily accessible location.

	☐ Critical ☐ Important ☐ Desirable Improvement

	☐ Critical ☐ Important ☐ Desirable Improvement

5.0 OCCUPANCY INFORMATION

The Insured is:	☒ Owner Occupant	☐ Non-occupant building owner	☐ Tenant
Insured's Occupancy Description: Landscaper			
IBC Code: 5513	IBC Subcode: 00	Premises Intrusion Alarm: None	
Special Hazard Code(s): None		Description: N/A	
Special Hazard Code(s): None		Description: N/A	
Name of building owner(if not Insured):			Number of years bldg. Owned: 10 app.
Number of years at this location:10 app	Area occupied (sq. m): 241		Business hours: 12
Days per week: 5 days	Annual Revenue (optional):		Payroll (optional):
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined		Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Explain loss history:			
Insured Values: Property: $135,000.00		Contents: $Included	
Combustibility of Occupancy: M3		Susceptibility of Occupancy: S3-Moderate Damage	

Occupancy: **Major Tenant is:** ☒ Insured or ☐ See Major Tenant Below		☐ refer to Occupancy Specific Supplement
Major Tenant in Building	Combustibility Code: M3	Susceptibility Code: S3-Moderate Damage
Name: Francois Berube and Denis Brule	Area occupied (sq.m): 241	IBC Code: 5513
Occupancy Description: Mechanical garage for servicing and storage of own vehicles		IBC Sub Code: 00
Special Hazard Code(s): None	Description:	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Number of years at this location: 10	Premises Intrusion Alarm: None	
Other Classes of Occupants		
DESCRIBE PARTITION WALLS BETWEEN TENANTS: There are no other occupants		
Name:	Area occupied (sq.m):	IBC Code:
Occupancy Description:		IBC Sub Code:
Special Hazard Code(s):	Description:	
Special Hazard Code(s):	Description:	

Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: --	
Name:	Area occupied (sq.m):	IBC Code:
Occupancy Description:		IBC Sub Code:
Special Hazard Code(s):	Description:	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: --	
Areas not surveyed:	☐ For additional tenants see attached list	
Comments: None		

6.0 BUILDING CONSTRUCTION (IBC Major Construction Class 6)

Building condition:	☐ Above Average	☒ Average	☐ Moderate deficiencies	☐ Major deficiencies	
Year built: (yyyy)	1997 Estimated	Area occupied by insured (sq. m): 241	Combustibility of Building M3		
Ground floor area (sq. m):	241 sq. m	Total floor area (excl. bsmt.)	241 sq. m		
Height (excluding basement):	4 m	Number of Stories: 1 (above grade)			
Basement:	☐ Yes	☒ No	Area of basement: (sq. m)	Total area: 241 sq. m	
Additions (year & brief description):	None				
Renovations (year & brief description):	None				
Wall construction:	Reinforced Concrete % ( )	Masonry: %: ( )	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: 100%: (WFMC)
	Other: %, Describe:				
	Insulation: Styrofoam				
	Panels in Walls:	Glass: 25%	Combustible: %	Non Combustible: %	
Floor Construction:	Concrete: 100%	Concrete on metal pan: %	Wood joist: %		
	Other: %, Describe:				
Roof Type:	☐ Flat	☐ Quonset	☒ Peaked	☐ Other:	
Roof Construction:	☐ Concrete: %	☐ Steel deck: %	☒ Wood joist: 100%	☐ Steel/Steel: %	
	☐ Other Combustible: %	☐ Other Non Combustible: %			
Roof Surface:	☐ Tar & Gravel: %	☐ Metal: %	☒ Asphalt Shingles: 100%	☐ Wood Shakes: %	
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %		
Resurfaced:	☒ No	☐ Yes	Date:		
Interior Finish Walls:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 100%	Open: %			
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 100%	Open: %			
Vertical Openings:	☒ None	☐ Stairs:	Protection Type: -- hrly. rate	☐ Elevator:	Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed	☐ Atrium: % of Grade Floor	# of Floors:		
	☐ Other:				

Horizontal Separation:	Major Partition Construction:	☒ Not Applicable	☐ Frame	☐ Drywall on Studs
		☐ Concrete Block		☐ Other:
	Proper Opening Protection:	☐ Yes	☐ No	☒ Not Applicable
Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %		
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)			
Combustible Concealed Spaces:	☒ No	☐ Yes	If yes, %, and describe:	
Concealed space properly protected:	☐ No	☐ Yes	☒ Not applicable	Comment:
Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☒ No	Strip Mall: ☐ Yes ☒ No	
	Stand Alone: ☒ Yes ☐ No	Other, Describe:		
Building Construction Comments: None				

7.0 FIRE EXPOSURES (Within 50m of risk) ☐ None

Exposing Structures Within 50m:

	Distance	Height	Construction of Exposure Facing Wall	Exposure Occupancy Hazard	Exposure Hazard Description	Exposure Comb. Code	Opening in Facing Wall of Risk Yes	No
Front	*30* m	*1.5* sto.	Combustible	Light (L1,L2)	Duplex belonging to insureds	L2	☒	☐
Rear	_____ m	_____ sto.	Open	--		--	☐	☒
Left	_____ m	_____ sto.	Open	--		--	☐	☒
Right	*14* m	*1* sto.	Combustible	Medium (M3,M4)	Storage Building	M3	☒	☐

Exposing Structure Addresses:

Front:	*2419 Mer Bleue Road*	Left:	*Open*
Rear:	*Open*	Right:	*Building #2*
Comments: *None*			

8.0 COMMON HAZARDS (Heating, electrical, plumbing)

HEATING:

Forced warm air:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☒ Gas 100%	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Solid Fuel Burning:	Non-Hazardous: %, Describe _____		Hazardous: %, Describe _____		
Other Hazardous:	%	Describe _____			
Other Non-Hazardous:	%	Describe _____			
Electric baseboard units:	☐ %				
Installation Appears Safe:	☒ Yes	☐ No	Describe: _____		
Unheated	☐ %	Borrowed Heat: ☐ %			
Boiler: ☐ Yes ☒ No	Age: _____ and Make: _____		Date of last Boiler Inspection: (yyyy/mm/dd) _____		
Appliances enclosed in a non-combustible room:	☐ Yes	☐ No	☒ Not required		
Combustible materials stored in the room:	☐ Yes	☐ No	☒ Not applicable		
Heating Fuel Tanks:	☒ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside	☒ N/A	☐ No	☐ Yes, _____		

Chimneys:	☐ Masonry	☒ ULC Factory built	☐ Unlabelled pre-fab	☐ Other: _____
	☒ Standard	☐ Non-standard _____		
Installation defects:	☒ None	☐ Moderate	☐ Major, _____	
Installation replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
0% Air Conditioned	Type:	☐ Roof-Top	☐ Central	☐ Other: _____
Comments: _____				

ELECTRICAL:

Type:	☒ Conduit	☒ BX	☒ Non-metallic	☐ Knob & Tube _____	☐ Other: _____	
Temporary wiring or extension cords:			☒ No	☐ Yes _____		
Overcurrent protection:	☒ Circuit Breakers		Fuses:	☒ Ordinary	☐ Type P	☐ Type D ☐ Other: _____
Installation defects:	☒ None		☐ Moderate	☐ Major		
Installation (wiring) replaced:	☒ No		☐ Yes	(yyyy)_____ and _____%		
Installation Appears Safe:	☒ Yes		☐ No	Describe: _____		
Partial changes/extensions:	☒ No		☐ Yes Describe: _____			
Comments: _____						

PLUMBING:

Type:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other: _____
Installation Replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☒ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☒ Yes	☐ No: _____		
Comments: _____				

SMOKING:

Smoking Restricted:	☐ Yes	☒ No			
"No Smoking" Signs posted:	☐ Yes	☒ No	Enforced:	☐ Yes	☒ No
Comments: *This is not a public building*					

HOUSEKEEPING:

☒ Good	☐ Average	☐ Poor	☐ Unacceptable
Comments: _____			

9.0 FIRE PROTECTION

PUBLIC:

F.U.S. Protection Class: *03*	Primary Responding Fire Department: *Ottawa, Former Gloucester H.P.A.*		Bldg. Prot. Code (NS or AS): *02*
☒ Full time		☐ Part Time/Volunteer	☐ Composite
Distance to Fire Department:	*2.3* km		
Roads: ☒ Paved ☐ Unpaved	Accessible Year-round: ☒ Yes ☐ No		Congested/Inaccessible: ☐ Yes ☒ No
Water Supply:	☒ Public	☐ Private	
Number of Hydrants:	*2* within 155 m,	_____ within 156 - 305 m,	_____ Over 305 m, ☐ None

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☐	☒		*None*	*(Rec. Made)*
Standpipe/Inside Hoses	☐	☐	N/A ☒	_____	_____

Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☒ None	☐ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	_____				
ii) Detector location:	Describe: _____				
iii) Maintenance contract:	Yes ☐	No ☐	Company: _____	Telephone #: _____	
iv) Connected to:	☐ ULC Listed Station	☐ Unlisted Service	☐ Fire/Police Department	☐ Local only	
	☐ Other: _____				
Name of Company:	_____				
Automatic Sprinkler Protection:	☒ None	☐ Full Premises	☐ Partial (describe): _____		
	Sprinkler Supplement Attached	☐ Yes	☒ No (Sprinkler System Not Tested or Evaluated)		
Fire Protection Comments: None					

10.0 ALL RISK:

Information Confirmed by: ☐ Person Contacted or: Denis Brule, the co-insured

EARTHQUAKE

What is the earthquake zone:	02		
Is there any earthquake history in the area:	☐ No	☒ Yes	☐ Undetermined
If **Yes**, describe history Small Tremors			
Significant exterior wall or foundation cracks noted?	☒ No	☐ Yes	Describe: _____
Sagging?	☒ No	☐ Yes	Describe: _____
Comments: _____			

FLOOD

Is this establishment located on a flood plain:	☒ No	☐ Yes	
Is it located near a body of water:	☒ No	☐ Yes	Describe: _____
Distance to nearest body of water:	_____	☒ None determined	
Is there a history of flooding:	☒ No	☐ Yes	If **yes**, give history: _____
Evidence of water damage:	☒ No	☐ Yes	Describe: _____
Years knowledge of risk: 10			
Comments: _____			

WATER DAMAGE

Plumbing is:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other	Describe: _____
Is there evidence of corrosion:			☒ No	☐ Yes	Describe: _____
Is the building sprinklered:			☒ No	☐ Yes	Comment: _____
Is stock susceptible to water damage:			☒ No	☐ Yes	Describe: _____
Are all window/skylight openings adequately sealed:			☒ Yes	☐ No	Describe: _____

Does water main pass under building:	☒ No	☐ Yes	Describe: _____
Is the roof covering adequate:	☒ Yes	☐ No	Most recent roof repair date: _____
Inside and/or roof storage tanks/process equipment:	☒ No	☐ Yes	Describe: _____
Tanks/equipment satisfactorily controlled:	☒ No	☐ Yes	If Either Describe: _____
Is there use of: ☐ Skids ☒ Shelving	☐ Floor Drains		☐ Covers over stock/equipment
Sewer Backup claim in the last three years:	☒ No	☐ Yes	☐ Describe: _____
Comments: _____			

COLLAPSE AND/OR SEWER BACKUP

Is there any history of collapse:	☒ No	☐ Yes	Describe: _____
Is there any history of sewer back-up:	☒ No	☐ Yes	Describe: _____
Are sewer back-up protection devices in place:	☒ No	☐ Yes	Describe: _____
Comments: _____			

ADDITIONAL PERILS

If Yes, Describe:

Is lightning protection in place:		☒ No	☐ Yes	Describe: _____	
Is risk located within 5 km of airport:		☒ No	☐ Yes	Beneath a flight path:	☐ Yes ☒ No
Is the yard fenced: ☒ No		☐ Yes	Are gates locked when the premises are closed:		☐ Yes ☒ No
Is the yard and the exterior of the building lit:		☐ No	☒ Yes	Describe: _____	
Is the risk located in a high wind/hail area:		☒ No	☐ Yes	Describe: _____	
Are there visible signs of vandalism at the risk:		☒ No	☐ Yes	Describe: _____	
	In the area:	☒ No	☐ Yes	Describe: _____	
Is the risk protected from Impact exposure:	Automobile	☒ No	☐ Yes	Describe: _____	
	Aircraft	☒ No	☐ Yes	Describe: _____	
	Train	☒ No	☐ Yes	Describe: _____	
	Boat	☒ No	☐ Yes	Describe: _____	
Comments: _____					

11.0 BASIC PREMISES LIABILITY

The following appeared to be satisfactory: If No Describe				
Stairs, Ramps & Handrails:	Yes ☐	No ☐	N/A ☒	Comments: _____
Floor Surfaces & Coverings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Walls & Ceilings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Interior & Exterior Lighting:	Yes ☒	No ☐	N/A ☐	Comments: _____
Emergency Lighting:	Yes ☐	No ☐	N/A ☒	Comments: _____
Interior & Exterior Housekeeping:	Yes ☐	No ☒	N/A ☐	Comments: *Building # 2 (Rec. Made).*
Washrooms:	Yes ☒	No ☐	N/A ☐	Comments: _____
Sidewalks, Yards & Parking Lots:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Exits:	Yes ☐	No ☐	N/A ☒	Comments: _____
Fire Alarm System (s):	Yes ☐	No ☐	N/A ☒	Comments: _____

Snow & Ice Removal:	Yes ☒ No ☐ N/A ☐ Comments: _____
Elevating devices:	Yes ☐ No ☐ N/A ☒ Comments: _____
Satellite Dishes:	Yes ☐ No ☐ N/A ☒ Comments: _____
Exterior Signs:	Yes ☐ No ☐ N/A ☒ Comments: _____
CO detectors where required:	Yes ☐ No ☐ N/A ☒ Comments: _____
Swimming Pool:	Yes ☐ No ☐ N/A ☒ Comments: _____
Other:	Yes ☒ No ☐ N/A ☐ Comments: *Two gasoline tanks located in front of Building #2*
Comments: _____	

12.0 BASIC CRIME

☐ Refer to Expanded Crime Supplement

Crime Experience	☐ Low	☒ Moderate	☐ High		
Type of Neighbourhood:	☒ Commercial	☐ Industrial	☒ Rural	☒ Residential	☐ Isolated
Neighbourhood appears to be:	☒ Stable	Changing via:	☐ Expansion/growth	☐ Renovation	☐ Deterioration
Comments: _____					

BUSINESS

Automatic Teller Machine:	☒ No	☐ Yes		
Safe on Premises:	☒ No	☐ Yes	☐ Unable to Determine	
Guard Service:	☒ No	☐ Yes	☐ Unable to Determine	Describe: _____
Typical Stock:	Tools			
Smash & Grab exposure:	☒ No	☐ Yes	☐ Unable to Determine	
Comments: _____				

GENERAL PROTECTION

The following appeared to be satisfactory: If No Describe

Exterior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Interior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Roof Accessibility:	☒Yes	☐No	☐N/A	Comments: _____
Police Patrols:	☒Yes	☐No	☐N/A	Comments: _____
Yard Fenced:	☐Yes	☒No	☐N/A	Describe: _____
Comments: The risk is well hidden from the main road.				

SECURITY ALARM SYSTEM (Building Protection by Owner)

Premises alarm system in use:	☒ N/A	☐ Yes	☐ No	☐ Disconnected	Date Installed: (yyyy)_____
Alarm System is:	☐ Acceptable		☐ Unacceptable (see rec.)		
Monitored by:	☐ULC Listed Station	☐ Unlisted Station	☐ Local Alarm	☐ Unknown	☐ Unable to Determine
Comments: _____					

PHYSICAL PROTECTION

Door locks:	☒ Deadbolt	☐ Spring	☐ Panic	☐ Other: _____	
Windows Protected:	☒ No	☐ Yes	☐ N/A	If **yes**, describe _____	
Other Openings:	☒ No	☐ Yes	Protected:	☐ No	☐ Yes
Comments: Ther is no protection for building #2					

OTHER COMMENTS:

Please refer to additional building supplement attached for building # 2

CGI Information Systems and Management Consultants Inc.

ADDITIONAL BUILDING OR FIRE DIVISION
INSPECTION REPORT SUPPLEMENT
CONFIDENTIAL

Location Surveyed: 2419 Mer Bleue Road, Ottawa (Formerly Orleans), Ontario	**CGI AIS No.: 72697122**
Date of survey (YYYY/MM/DD): 2007/06/28	**CGI Loss Control Specialist:** Luc McCann C.I.P., C.C.F.I.-C., C.R.M., A.H.J. Pyrotechnics, WETT Certified

Building #:	2		
IBC Building Industry Code:	5513	IBC Building Construction Code:	Class 6

BUILDING CONSTRUCTION

Building condition:	☐ Above Average	☐ Average	☐ Moderate deficiencies	☒ Major deficiencies
Year built: (yyyy)	1925 Estimated	Area occupied by insured (sq. m): 147		Combustibility of Building M3
Ground floor area (sq. m):	147 sq. m	Total floor area (excl. bsmt.)		147 sq. m
Height (excluding basement):	4 m	Number of Stories: 1 (above grade)		
Basement:	☐ Yes ☒ No	Area of basement: (sq. m)		Total area: 147 sq. m
Additions (year & brief description):	None			
Renovations (year & brief description):	None			
Wall construction:	Reinforced Concrete % ( )	Masonry: %: ( )	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: 100%: (Major part WF with part CB)
	Other: %, Describe:			
	Insulation: None			
	Panels in Walls:	Glass: %	Combustible: %	Non Combustible: %
Floor Construction:	Concrete: %	Concrete on metal pan: %	Wood joist: %	
	Other: 100%, Describe: Dirt			
Roof Type:	☐ Flat	☐ Quonset	☒ Peaked	☐ Other:
Roof Construction:	☐ Concrete: %	☐ Steel deck: %	☒ Wood joist: 100%	☐ Steel/Steel: %
	☐ Other Combustible: %		☐ Other Non Combustible: %	
Roof Surface:	☐ Tar & Gravel: %	☒ Metal: 100%	☐ Asphalt Shingles: %	☐ Wood Shakes: %
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %	
Resurfaced:	☒ No	☐ Yes	Date:	

Interior Finish Walls:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %
	Non Combustible: %		Open: 100%
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %
	Non Combustible: %		Open: 100%

Vertical Openings:	☒ None	☐ Stairs:	Protection Type: -- hrly. rate	☐ Elevator:	Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed		☐ Atrium: % of Grade Floor		# of Floors:
	☐ Other:				

Horizontal Separation:	Major Partition Construction:	☒ Not Applicable	☐ Frame	☐ Drywall on Studs
		☐ Concrete Block		☐ Other:
	Proper Opening Protection:	☐ Yes	☐ No	☒ Not Applicable

Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %	
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)		
Combustible Concealed Spaces:	☒ No	☐ Yes	If yes, %, and describe:
Concealed space properly protected:	☐ No	☐ Yes	☐ Not applicable Comment:

Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☐ No	Strip Mall: ☐ Yes ☒ No
	Stand Alone: ☒ Yes ☐ No	Other, Describe:	

Building Construction Comments: This is an old barn that is used to store all sorts of materials. There are no doors per say as access is easily made to the interior.

COMMON HAZARDS

Forced warm air:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☐ Gas %	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____

Solid Fuel Burning:	Non-Hazardous: %, Describe _____	Hazardous: %, Describe _____	
Other Hazardous:	%	Describe _____	
Other Non-Hazardous:	%	Describe _____	
Electric baseboard units:	☐ %		
Installation Appears Safe:	☐ Yes	☐ No	Describe: _____
Unheated	☒ 100%	Borrowed Heat: ☐ %	

Boiler:	☐ Yes	☐ No	Age: _____ and Make: _____	Date of last Boiler Inspection: (yyyy/mm/dd) _____
Appliances enclosed in a non-combustible room:			☐ Yes	☐ No ☐ Not required
Combustible materials stored in the room:			☐ Yes	☐ No ☐ Not applicable

Heating Fuel Tanks:	☐ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside	☐ N/A	☐ No	☐ Yes, _____			

Chimneys:	☐ Masonry	☐ ULC Factory built	☐ Unlabelled pre-fab	☐ Other: _____
	☐ Standard	☐ Non-standard _____		
Installation defects:	☐ None	☐ Moderate	☐ Major, _____	
Installation replaced:	☐ No	☐ Yes	(yyyy) _____ and _____%	
_____% Air Conditioned	Type:	☐ Roof-Top	☐ Central	☐ Other: _____
Comments: _____				

ELECTRICAL:

Type:	☐ Conduit	☒ BX	☐ Non-metallic	☐ Knob & Tube _____	☐ Other: _____
Temporary wiring or extension cords:			☐ No	☐ Yes _____	

Overcurrent protection:	☐ Circuit Breakers	Fuses:	☒ Ordinary	☐ Type P	☐ Type D	☐ Other: _____

Installation defects:	☐ None	☐ Moderate	☒ Major
Installation (wiring) replaced:	☒ No	☐ Yes	(yyyy)_____ and _____%
Installation Appears Safe:	☐ Yes	☒ No	Describe: *Unprotected light fixtures*
Partial changes/extensions:	☒ No	☐ Yes Describe: _____	
Comments: _____			

PLUMBING:

Type:	☐ Copper	☐ Galvanized	☐ Plastic	☐ Other: _____
Installation Replaced:	☐ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☐ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☐ Yes	☐ No: _____		
Comments: *There is no plumbing in the barn.*				

SMOKING:

Smoking Restricted:	☐ Yes	☒ No			
"No Smoking" Signs posted:	☐ Yes	☒ No	Enforced:	☐ Yes	☒ No
Comments: _____					

HOUSEKEEPING:

☐ Good	☐ Average	☐ Poor	☒ Unacceptable
Comments: *Highly congested.*			

FIRE PROTECTION

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☐	☒		_____	*None*
Standpipe/Inside Hoses	☐	☐	N/A ☒	_____	_____
Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☐ None	☐ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	_____				
ii) Detector location:	Describe: _____				
iii) Maintenance contract:	Yes ☐	No ☐	Company: _____		Telephone #: _____
iv) Connected to:	☐ ULC Listed Station		☐ Unlisted Service	☐ Fire/Police Department	☐ Local only
	☐ Other: _____				
Name of Company:	_____				
Automatic Sprinkler Protection:	☐ None	☐ Full Premises	☐ Partial (describe): _____		
	Sprinkler Supplement Attached		☐ Yes	☐ No (Sprinkler System Not Tested or Evaluated)	
Fire Protection Comments: There is no fire protection in this building.					

OTHER COMMENTS

None

APPENDIX B

Ontario Land Registry Title Search Results

Attn: Nicole Doucy # 6121.02

ENVIRONMENTAL SEARCH Re: 240182419 Mer Bleue Rd. Ottawa

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	July 26 1836	Crown	Margaret Cozens
5315	Deed	Jan 21 1854	Margaret Cozens	Jean B. Heneault
5783	Deed	Feb 4 1857	Jean B. Heneault	Antoine Brunet
7852	Deed	Mar 1 1880	Antoine Brunet	Roderick McDonald
8652	Deed	May 4 1905	Roderick McDonald	Michael Boyer
10843	Deed	May 9 1912	Michel Boyer	Michel Boyer, The Younger (part)
11108	Deed	July 22 1913	Michel Boyer	Joseph Boyer
13085	Deed	Mar 1 1919	Joseph Boyer	Honore Bourcier

(2)

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
20749	Deed	Mar 7 1957	Honore Bourcier	Floribert Bourcier
26996	Deed	Aug 4 1971	Floribert Bourcier	Louis Bisson Jean Guy Bisson
N 712917	Deed	Jan 13 1995	Louis Bisson (1/2 Interest)	Raymonde Bisson
N760024	Deed	Mar 25 1998	Raymonde Bisson (1/2 Interest)	Louis Bisson Raymonde Bisson
N 760025	Deed	Mar 25 1998	Jean Guy Bisson	Louis Bisson Raymonde Bisson
OC 1690379	Deed	June 15 2015	Louis Bisson Raymonde Bisson	Mattamy (Mer Bleue) Limited
OC1878926	Deed	Apr 4 2017	Mattamy (Mer Bleue) Limited	Louis Bisson Raymonde Bisson (Current Owners)

* Legal Description for this Parcel is: Part of Lot 4, Concession 11, being Part 1 on Plan 4R-29146, save & except Plan 4M-1580, formerly City of Cumberland, City of Ottawa. PIN 14563-1816 re: 2401 Mer Bleue.

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
* Note - See Page 1 up until instrument no. 8652 for the previous owners of the chain of title continued below.				
12401	Deed	Oct 15 1917	Michel Boyer	Joseph Darius Forget (Part)
13741	Deed	Oct 10 1921	Joseph Darius Forget	Albert Lepault
15902	Release of Equity	May 1 1932	Albert Lepault	Wilfrid Gratton
16137	Deed	Aug 16 1933	Wilfrid Gratton	Thomas David Farmer
16731	Deed	Dec 6 1937	Estate of David Thomas Farmer	Jane Farmer
16877	Deed	Dec 6 1938	Jane Farmer	Leonard Hewston
16987	Deed	Sept 12 1939	Leonard Hewston	Gerard Farmer

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
18879	Deed	Oct 7 1949	Gerard Tarmer	Gilberte Bisson
94294	Deed	Apr 25 1985	Gilberte Bisson	Gilberte Bisson Joseph Charles Edouard Bisson
120325	Deed	May 13 1989	Gilberte Bisson Joseph Charles Edouard Bisson	Gilberte Bisson Joseph Charles Edouard Bisson
N613632	Deed	Apr 3 1992	Gilberte Bisson Joseph Charles Edouard Bisson	Jean-Francois Bisson
N762306	Deed	Aug 4 1998	Jean-Francois Bisson	Francois Benube Denis Brule (Current owners)

* Legal description for this parcel is: Part of Lot 4, Concession 11, being Part 1 on Plan 5OR-6110, formerly City of Cumberland, City of Ottawa. PIN 14563-0513 Re: 2419 Mer Bleue.

Mar 7/18.

APPENDIX C

ERIS Database Report

DATABASE REPORT

Project Property:	*quote* *2401-2419 Mer Bleue* *Ottawa ON*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20180208075*
Requested by:	*GEMTEC Consulting Engineers and Scientists*
Date Completed:	*March 5, 2018*

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

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*quote* *2401-2419 Mer Bleue Ottawa ON*
Project No:	

Order Information:

Order No:	*20180208075*
Date Requested:	*February 8, 2018*
Requested by:	*GEMTEC Consulting Engineers and Scientists*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*National Collection - Digital (PDF)*
City Directory Search	*Subject Site plus 10 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Specific 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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	6	6
CA	Certificates of Approval	Y	0	1	1
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	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
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	1	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired 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
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	1	0	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
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
NEBW	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
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	1	1
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	TSSA 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	1	8	9
		Total:	2	18	20

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Franick Road Services Inc	2419 Mer Bleu Road Ottawa ON K4A 3V9	-/0.0	-0.03	13
2	WWIS		lot 4 con 11 ON	-/0.0	-0.03	13

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		lot 1 con 4 ON	WSW/28.8	-0.04	16
4	EHS		2388 Mer Bleue Road Ottawa ON	W/34.2	-0.18	18
5	WWIS		lot 1 con 4 ON	W/38.5	-0.05	19
6	ECA	Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd Lots 3/4, Concession 11 Ottawa ON K2K 2M5	NE/41.6	-2.03	21
6	PTTW	Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA ON	NE/41.6	-2.03	21
7	WWIS		lot 1 con 4 ON	W/45.0	-0.31	21
8	BORE		ON	SW/45.6	-0.05	24
8	WWIS		lot 1 con 4 ON	SW/45.6	-0.05	24
9	WWIS		lot 1 con 4 ON	W/47.2	-0.18	26
10	BORE		ON	WSW/56.8	-0.18	29
10	WWIS		lot 1 con 4 ON	WSW/56.8	-0.18	29
11	BORE		ON	WNW/96.6	-0.31	31
12	BORE		ON	WNW/100.9	-0.31	32
13	WWIS		lot 1 con 4 ON	W/140.1	0.06	32
14	WWIS		lot 4 con 11 ON	NW/144.1	-0.19	34
15	CA	KIDDY KARS ORLEANS	2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	NW/187.9	-1.47	37
16	BORE		ON	W/218.1	0.43	37
17	BORE		ON	W/219.5	0.20	38

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	45.6	8
	ON	56.8	10
	ON	96.6	11
	ON	100.9	12
	ON	218.1	16
	ON	219.5	17

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
KIDDY KARS ORLEANS	2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	187.9	15

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Oct 2017 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd Lots 3/4, Concession 11 Ottawa ON K2K 2M5	41.6	6

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2388 Mer Bleue Road Ottawa ON	34.2	4

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Franick Road Services Inc	2419 Mer Bleu Road Ottawa ON K4A 3V9	0.0	1

PTTW - Permit to Take Water

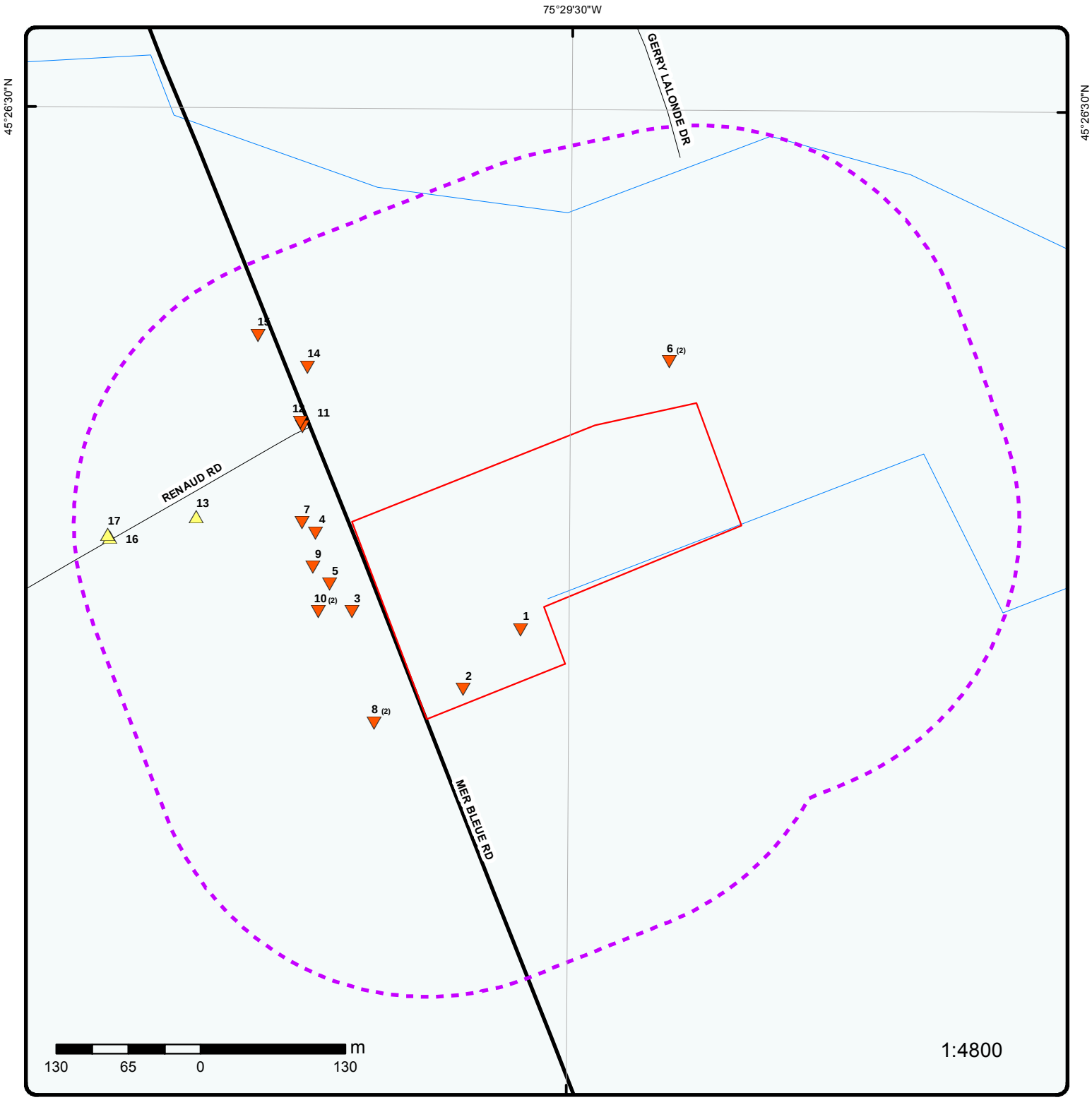
A search of the PTTW database, dated 1994-Oct 2017 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattamy (Mer Bleue) Limited	2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA ON	41.6	6

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 4 con 11 ON	0.0	2
	lot 1 con 4 ON	28.8	3
	lot 1 con 4 ON	38.5	5
	lot 1 con 4 ON	45.0	7
	lot 1 con 4 ON	45.6	8
	lot 1 con 4 ON	47.2	9
	lot 1 con 4 ON	56.8	10
	lot 1 con 4 ON	140.1	13
	lot 4 con 11 ON	144.1	14



Map : 0.25 Kilometer Radius

Order No: 20180208075

Address: 2401-2419 Mer Bleue, Ottawa, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

75°30'W

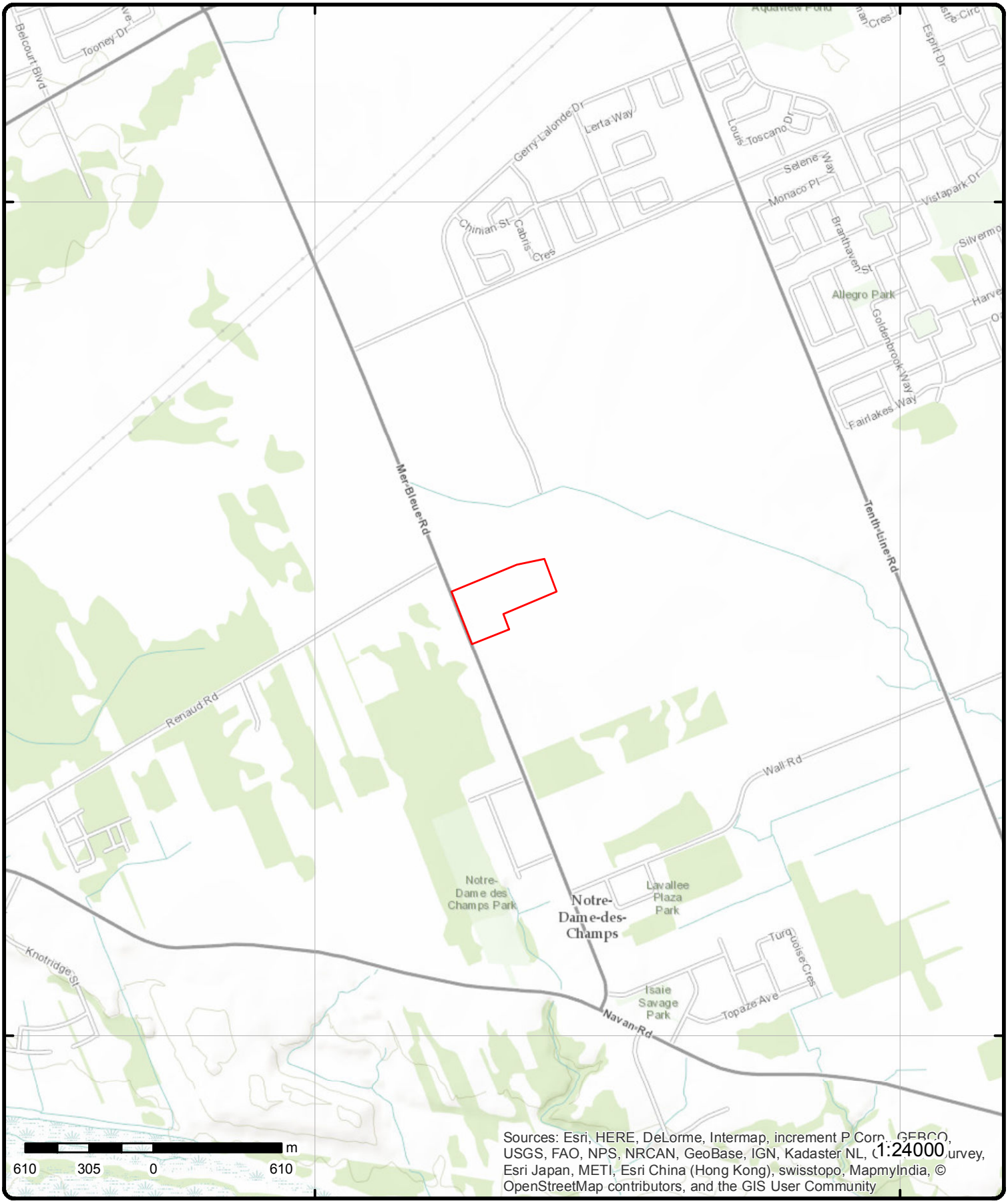
Aerial (2016)

Address: 2401-2419 Mer Bleue, Ottawa, ON

Source: ESRI World Imagery

Order No: 20180208075

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 2401-2419 Mer Bleue, Ottawa, ON

Source: ESRI World Topographic Map

Order No: 20180208075

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	-/0.0	89.9 / -0.03	Franick Road Services Inc 2419 Mer Bleu Road Ottawa ON K4A 3V9	GEN

Generator No.:	ON6946007	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	05,06	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

--Details--

Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

2	1 of 1	-/0.0	89.9 / -0.03	lot 4 con 11 ON	WWIS

Well ID:	1512413	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	4/24/1973
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	004
Well Depth:		**Concession:**	11
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10034404	**Spatial Status:**	
DP2BR:	116	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	4
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	p4
Elevation:	87.898361	**Org CS:**	

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

Date Completed: 12/1/1972

Overburden and Bedrock Materials Interval

Formation ID: 931020565
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 931020566
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 95.00
Formation End Depth UOM: ft

Formation ID: 931020567
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 95.00
Formation End Depth: 116.00
Formation End Depth UOM: ft

Formation ID: 931020568
Layer: 4
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 116.00

Formation End Depth:	118.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512413
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10582974
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060977
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	116.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930060978
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118.00
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512413
Pump Set At:	
Static Level:	2.00
Final Level After Pumping:	8.00
Recommended Pump Depth:	25.00
Pumping Rate:	24.00
Flowing Rate:	
Recommended Pump Rate:	6.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934098056

Test Type:	Draw Down
Test Duration:	15
Test Level:	5.00
Test Level UOM:	ft
Pump Test Detail ID:	934377450
Test Type:	Draw Down
Test Duration:	30
Test Level:	8.00
Test Level UOM:	ft
Pump Test Detail ID:	934647775
Test Type:	Draw Down
Test Duration:	45
Test Level:	8.00
Test Level UOM:	ft
Pump Test Detail ID:	934895931
Test Type:	Draw Down
Test Duration:	60
Test Level:	8.00
Test Level UOM:	ft

Water Details

Water ID:	933467869
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	118.00
Water Found Depth UOM:	ft

3 | **1 of 1** | **WSW/28.8** | **89.9 / -0.04** | **lot 1 con 4 ON** | **WWIS**

Well ID:	1501503	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023546	**Spatial Status:**	
DP2BR:	85	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5

Elevation: 87.44947
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
Date Completed: 5/18/1961

Overburden and Bedrock Materials Interval

Formation ID: 930992010
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 930992011
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6.00
Formation End Depth: 85.00
Formation End Depth UOM: ft

Formation ID: 930992012
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 85.00
Formation End Depth: 91.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501503
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Pipe Information

Pipe ID:	10572116
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039958
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	91.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501503
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	25.00
Recommended Pump Depth:	20.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Water Details

Water ID:	933454213
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	91.00
Water Found Depth UOM:	ft

4	***1 of 1***	***W/34.2***	***89.7 / -0.18***	***2388 Mer Bleue Road Ottawa ON***	***EHS***

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20100325027
Addit. Info Ordered::	Fire Insur. Maps and/or Site Plans;
Report Date:	4/6/2010
Report Type:	Standard Report
Search Radius (km):	0.25

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 1	W/38.5	89.9 / -0.05	lot 1 con 4 ON	WWIS

Well ID:	1501502	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023545	**Spatial Status:**	
DP2BR:	78	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	87.66822	**Org CS:**	
Elevrc:		**Date Completed:**	5/11/1961
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992006
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID:	930992007
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10.00
Formation End Depth:	78.00
Formation End Depth UOM:	ft
Formation ID:	930992008
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	78.00
Formation End Depth:	85.00
Formation End Depth UOM:	ft
Formation ID:	930992009
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	85.00
Formation End Depth:	87.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501502
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572115
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	87.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Results of Well Yield Testing

Pump Test ID:	991501502
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	25.00
Recommended Pump Depth:	25.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	8.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933454212
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.00
Water Found Depth UOM:	ft

6	*1 of 2*	*NE/41.6*	*87.9 / -2.03*	***Mattamy (Mer Bleue) Limited*** ***2405 Mer Bleue Rd Lots 3/4, Concession 11*** ***Ottawa ON K2K 2M5***	***ECA***

Approval No:	7287-AD4PT3	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2016-08-24	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	

Project Type:	Municipal and Private Sewage Works
Approval Type:	ECA-Municipal and Private Sewage Works
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3754-AD3JKA-14.pdf

---

6	*2 of 2*	*NE/41.6*	*87.9 / -2.03*	***Mattamy (Mer Bleue) Limited*** ***2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA*** ***ON***	***PTTW***

EBR Registry No.:	012-4411
Ministry Ref. No.:	6502-9W8LAB
Year:	2015
Proposal Date:	June 19, 2015
Notice Date:	October 17, 2016
Notice Type:	Instrument Decision
Proponent Address:	50 Hines Road, Suite 100, Ottawa Ontario, Canada K2K 2M5
Instrument Type:	(OWRA s. 34) - Permit to Take Water
Location:	2405 Mer Bleue Rd, Ottawa, City 2496 Tenth Line Rd, Ottawa, City CITY OF OTTAWA
Location Other:	

7	*1 of 1*	*W/45.0*	*89.6 / -0.31*	***lot 1 con 4*** ***ON***	***WWIS***

Well ID:	1501509	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/30/1965
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023552	***Spatial Status:***	
DP2BR:	100	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	5
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 100 m - 300 m
Open Hole:		***Location Method:***	p5
Elevation:	88.108169	***Org CS:***	
Elevrc:		***Date Completed:***	8/10/1965
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992026
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	100.00
Formation End Depth UOM:	ft

Formation ID:	930992027
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:	
Other Materials:	
Formation Top Depth:	100.00
Formation End Depth:	102.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501509
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572122
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039968
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	102.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501509
Pump Set At:	
Static Level:	
Final Level After Pumping:	25.00
Recommended Pump Depth:	25.00
Pumping Rate:	5.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	Y

Water Details

Water ID:	933454219
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 2	SW/45.6	89.9 / -0.05	ON	BORE

Borehole ID:	616271	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	461371	**Northing::**	5031582
Location Accuracy::		**Orig. Ground Elev m::**	86.9
Elev. Reliability Note::		**DEM Ground Elev m::**	87.4
Total Depth m::	27.1	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAY-1961	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218403519	**Top Depth(m):**	0.0
Bottom Depth(m):	3.0	**Stratum Desc:**	SAND.
Stratum ID:	218403520	**Top Depth(m):**	3.0
Bottom Depth(m):	24.4	**Stratum Desc:**	CLAY. BLUE.
Stratum ID:	218403521	**Top Depth(m):**	24.4
Bottom Depth(m):	26.5	**Stratum Desc:**	SHALE. BROWN.
Stratum ID:	218403522	**Top Depth(m):**	26.5
Bottom Depth(m):	27.1	**Stratum Desc:**	LIMESTONE. GREY. 00089OCITY = 5000. BEDROCK. SEISMIC VELOCITY = 13000. K. DARK,GREY,SOUN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	2 of 2	SW/45.6	89.9 / -0.05	lot 1 con 4 ON	WWIS

Well ID:	1501501	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023544	**Spatial Status:**	
DP2BR:	80	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	87.373435	**Org CS:**	
Elevrc:		**Date Completed:**	5/10/1961

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

Overburden and Bedrock Materials Interval

Formation ID: 930992002
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 930992003
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 80.00
Formation End Depth UOM: ft

Formation ID: 930992004
Layer: 3
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 80.00
Formation End Depth: 87.00
Formation End Depth UOM: ft

Formation ID: 930992005
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 87.00
Formation End Depth: 89.00

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501501
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572114
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039956
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 89.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501501
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 25.00
Recommended Pump Depth: 25.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 8.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933454211
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 89.00
Water Found Depth UOM: ft

9	*1 of 1*	*W/47.2*	*89.7 / -0.18*	*lot 1 con 4 ON*	*WWIS*

Well ID: 1501511 ***Data Entry Status:***

Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/14/1966
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023554	**Spatial Status:**	
DP2BR:	92	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	87.802497	**Org CS:**	
Elevrc:		**Date Completed:**	5/31/1966
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992030
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	92.00
Formation End Depth UOM:	ft

Formation ID:	930992031
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	92.00
Formation End Depth:	97.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501511
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572124
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039970
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	95.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930039971
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	97.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501511
Pump Set At:	
Static Level:	1.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	20.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Water Details

Water ID:	933454221
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97.00
Water Found Depth UOM:	ft

10 **1 of 2** **WSW/56.8** **89.7 / -0.18** **ON** **BORE**

Borehole ID:	616273	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	461321	**Northing::**	5031682
Location Accuracy::		**Orig. Ground Elev m::**	87.8
Elev. Reliability Note::		**DEM Ground Elev m::**	87.7
Total Depth m::	32	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	JUL-1966	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218403525	**Top Depth(m):**	0.0
Bottom Depth(m):	29.6	**Stratum Desc:**	CLAY. BLUE.
Stratum ID:	218403526	**Top Depth(m):**	29.6
Bottom Depth(m):	31.4	**Stratum Desc:**	GRAVEL.
Stratum ID:	218403527	**Top Depth(m):**	31.4
Bottom Depth(m):	32.0	**Stratum Desc:**	LIMESTONE. GREY. 00105GREY. 00089OCITY = 5000. BEDROCK. SEISMIC VELOCITY = 13000. K.

10 **2 of 2** **WSW/56.8** **89.7 / -0.18** **lot 1 con 4** **ON** **WWIS**

Well ID:	1501513	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/14/1966
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023556	**Spatial Status:**	
DP2BR:	103	**Cluster Kind:**	

Code OB:	r	***UTMRC:***	5
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 100 m - 300 m
Open Hole:		***Location Method:***	p5
Elevation:	87.665588	***Org CS:***	
Elevrc:		***Date Completed:***	7/3/1966
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992036
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	97.00
Formation End Depth UOM:	ft

Formation ID:	930992037
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	97.00
Formation End Depth:	103.00
Formation End Depth UOM:	ft

Formation ID:	930992038
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	103.00
Formation End Depth:	105.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501513
Method Construction Code:	7
Method Construction:	Diamond

Other Method Construction:

Pipe Information

Pipe ID:	10572126
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039973
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	105.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501513
Pump Set At:	
Static Level:	1.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	20.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Water Details

Water ID:	933454223
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105.00
Water Found Depth UOM:	ft

11 ***1 of 1*** ***WNW/96.6*** ***89.6 / -0.31*** ***ON*** ***BORE***

Borehole ID:	809472	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Not known	***UTM Zone::***	18
Easting::	461306.72	***Northing::***	5031848.79
Location Accuracy::		***Orig. Ground Elev m::***	-999.9
Elev. Reliability Note::		***DEM Ground Elev m::***	88
Total Depth m::	1	***Primary Name::***	AH.21
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	29-JUL-1992	***Static Water Level::***	-999.9

Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218600162	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218600163	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	Grey Crushed Stone
Stratum ID:	218600164	**Top Depth(m):**	0.2
Bottom Depth(m):	0.2	**Stratum Desc:**	Brown Crushed Stone Trace: Cl Tr Si
Stratum ID:	218600165	**Top Depth(m):**	0.2
Bottom Depth(m):	0.2	**Stratum Desc:**	Black Crushed Stone
Stratum ID:	218600166	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	Grey-Brown Crushed Stone
Stratum ID:	218600167	**Top Depth(m):**	0.4
Bottom Depth(m):	1.0	**Stratum Desc:**	Brown Sand

---

12 **1 of 1** **WNW/100.9** **89.6 / -0.31** **ON** **BORE**

Borehole ID:	809475	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Not known	**UTM Zone::**	18
Easting::	461304.41	**Northing::**	5031852.33
Location Accuracy::		**Orig. Ground Elev m::**	-999.9
Elev. Reliability Note::		**DEM Ground Elev m::**	88
Total Depth m::	1.6	**Primary Name::**	AH.22
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	29-JUL-1992	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218600176	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	Brown Sand - Gravel
Stratum ID:	218600177	**Top Depth(m):**	0.3
Bottom Depth(m):	0.6	**Stratum Desc:**	Dark Grey Silty Clay
Stratum ID:	218600178	**Top Depth(m):**	0.6
Bottom Depth(m):	0.8	**Stratum Desc:**	Dark Grey Topsoil Clay
Stratum ID:	218600179	**Top Depth(m):**	0.8
Bottom Depth(m):	1.6	**Stratum Desc:**	Grey-Brown Silty Clay
Stratum ID:	218600175	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt

---

13 **1 of 1** **W/140.1** **90.0 / 0.06** **lot 1 con 4** **ON** **WWIS**

Well ID:	1501510	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/30/1965
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504

Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10023553	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	5
Code OB Desc:	Overburden	***UTMRC Desc:***	margin of error : 100 m - 300 m
Open Hole:		***Location Method:***	p5
Elevation:	87.942436	***Org CS:***	
Elevrc:		***Date Completed:***	8/24/1965
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992028
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	90.00
Formation End Depth UOM:	ft

Formation ID:	930992029
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	90.00
Formation End Depth:	94.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961501510
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572123
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039969
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501510
Pump Set At:
Static Level:
Final Level After Pumping: 20.00
Recommended Pump Depth: 20.00
Pumping Rate: 6.00
Flowing Rate:
Recommended Pump Rate: 6.00
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: Y

Water Details

Water ID: 933454220
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 94.00
Water Found Depth UOM: ft

14	1 of 1	NW/144.1	89.7 / -0.19	lot 4 con 11 ON	WWIS

Well ID:	1512858	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/30/1970
Sec. Water Use:	0	***Selected Flag:***	1

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	11
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10034846	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	4
Code OB Desc:	Overburden	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	p4
Elevation:	87.834144	***Org CS:***	
Elevrc:		***Date Completed:***	9/3/1969
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931021741
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	75.00
Formation End Depth UOM:	ft

Formation ID:	931021742
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	75.00
Formation End Depth:	82.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512858
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583416
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061718
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	82.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512858
Pump Set At:	
Static Level:	5.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	25.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934098891
Test Type:	Draw Down
Test Duration:	15
Test Level:	20.00
Test Level UOM:	ft
Pump Test Detail ID:	934378004
Test Type:	Draw Down
Test Duration:	30
Test Level:	20.00
Test Level UOM:	ft
Pump Test Detail ID:	934639002

Test Type:	Draw Down
Test Duration:	45
Test Level:	20.00
Test Level UOM:	ft
Pump Test Detail ID:	934896484
Test Type:	Draw Down
Test Duration:	60
Test Level:	20.00
Test Level UOM:	ft

Water Details

Water ID:	933468348
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.00
Water Found Depth UOM:	ft

15	1 of 1	NW/187.9	88.4 / -1.47	KIDDY KARS ORLEANS 2356 MER BLEU,ORLEANS,PT.LOT 1 GLOUCESTER CITY ON K4A 3T8	CA

Certificate #:	8-4129-96-
Application Year:	96
Issue Date:	7/9/1996
Approval Type:	Industrial air
Status:	Cancelled
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	COMMERCIAL KITCHEN EXHAUST HOOD
Contaminants::	
Emission Control::	

16	1 of 1	W/218.1	90.3 / 0.43	ON	BORE

Borehole ID:	809466	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Not known	**UTM Zone::**	18
Easting::	461133.17	**Northing::**	5031749.05
Location Accuracy::		**Orig. Ground Elev m::**	-999.9
Elev. Reliability Note::		**DEM Ground Elev m::**	88.2
Total Depth m::	1	**Primary Name::**	AH.19
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	29-JUL-1992	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218600139	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218600140	**Top Depth(m):**	0.1
Bottom Depth(m):	0.1	**Stratum Desc:**	Grey Crushed Stone
Stratum ID:	218600141	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	Crushed Stone

Stratum ID:	218600142	**Top Depth(m):**	0.2
Bottom Depth(m):	0.2	**Stratum Desc:**	Grey-Brown Crushed Stone
Stratum ID:	218600143	**Top Depth(m):**	0.2
Bottom Depth(m):	0.5	**Stratum Desc:**	Brown Sand - Gravel
Stratum ID:	218600144	**Top Depth(m):**	0.5
Bottom Depth(m):	0.6	**Stratum Desc:**	Dark Brown Topsoil Clay
Stratum ID:	218600145	**Top Depth(m):**	0.6
Bottom Depth(m):	1.0	**Stratum Desc:**	Grey-Brown Silty Clay

17 **1 of 1** **W/219.5** **90.1 / 0.20** **ON** **BORE**

Borehole ID:	809468	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Not known	**UTM Zone::**	18
Easting::	461131.6	**Northing::**	5031751.57
Location Accuracy::		**Orig. Ground Elev m::**	-999.9
Elev. Reliability Note::		**DEM Ground Elev m::**	88.2
Total Depth m::	1.6	**Primary Name::**	AH.20
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	29-JUL-1992	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218600148	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218600149	**Top Depth(m):**	0.1
Bottom Depth(m):	0.4	**Stratum Desc:**	Brown Sand - Gravel
Stratum ID:	218600150	**Top Depth(m):**	0.4
Bottom Depth(m):	0.7	**Stratum Desc:**	Dark Grey Topsoil Clay
Stratum ID:	218600151	**Top Depth(m):**	0.7
Bottom Depth(m):	1.6	**Stratum Desc:**	Grey-Brown Silty Clay

Unplottable Summary

Total: 89 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Strandherd) Limited		Ottawa ON	
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay) Limited		Ottawa ON	
CA	Mattamy (Poole Creek) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay) Limited		Ottawa ON	
CA	Mattamy (Barrhaven) Limited.		Ottawa ON	
CA	Mattamy (Poole Creek) Limited		Ottawa ON	
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Strandherd) Limited		Ottawa ON	
CA	Mattamy (Fairwinds North) Limited		Ottawa ON	
CA	Mattamy (Tenth Line) Limited		Ottawa ON	
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Strandherd) Limited		Ottawa ON	
CA	Mattamy (Fairwinds North) Limited		Ottawa ON	
CA	Mattamy (Fairwinds North) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay) Limited		Ottawa ON	

CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay 3) Limited		Ottawa ON	
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay) Limited		Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	Mattamy (Poole Creek) Limited		Ottawa ON	
CA	Mattamy (Half Moon Bay) Limited		Ottawa ON	
CA	Mattamy (Fairwinds) Limited		Ottawa ON	
CONV	Mattamy (Half Moon Bay) Limited		Ottawa ON	
ECA	Mattamy (Half Moon Bay 3) Limited		Ottawa ON	K2S 1B9
ECA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	K2P 0M6
ECA	Mattamy (Mer Bleue) Limited	Part of	Ottawa ON	K2K 2M5
ECA	Mattamy (Fairwinds) Limited		Ottawa ON	K2K 2M5
ECA	Mattamy (Fairwinds North) Limited		Ottawa ON	K2K 2M5
ECA	Mattamy (Half Moon Bay) Limited		Ottawa ON	K2S 1B9
ECA	Mattamy (Half Moon Bay) Limited		Ottawa ON	K2S 1B9
WWIS		lot 4	ON	
WWIS		lot 4	ON	

WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 3	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON

WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 3	ON
WWIS	lot 4	ON
WWIS	lot 3	ON
WWIS	lot 3	ON

WWIS	lot 3	ON
WWIS	lot 3	ON

Unplottable Report

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9555-772NK7
Application Year: 2007
Issue Date: 9/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Strandherd) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9368-79NMUN
Application Year: 2007
Issue Date: 12/18/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0955-7SUPV3
Application Year: 2009
Issue Date: 12/23/2009
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 2758-7X2KYB

Application Year: 2009
Issue Date: 10/22/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Poole Creek) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4175-6XAJR8
Application Year: 2007
Issue Date: 1/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4308-7GZQPE
Application Year: 2008
Issue Date: 8/21/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Barrhaven) Limited.***
Ottawa ON

Database: ***CA***

Certificate #: 4801-88XHM4
Application Year: 2010
Issue Date: 9/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Poole Creek) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 5096-6VQTT6
Application Year: 2006
Issue Date: 11/22/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9060-76ASEZ
Application Year: 2007
Issue Date: 8/24/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Strandherd) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9184-775PA6
Application Year: 2007
Issue Date: 9/18/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds North) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9354-7SUKYU
Application Year: 2009
Issue Date: 8/21/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::

Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Tenth Line) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9029-882SEK
Application Year: 2010
Issue Date: 8/11/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 5148-73NQFA
Application Year: 2007
Issue Date: 6/6/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Strandherd) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4482-79NS2G
Application Year: 2007
Issue Date: 12/18/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds North) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 3072-772PDS
Application Year: 2007

Issue Date: 9/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds North) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0316-7QER2U
Application Year: 2009
Issue Date: 4/8/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9531-7EZK5S
Application Year: 2008
Issue Date: 6/5/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9553-8J8JHZ
Application Year: 2011
Issue Date: 6/30/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay 3) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 2539-8KRPBJ
Application Year: 2011
Issue Date: 8/18/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4652-8J5K9D
Application Year: 2011
Issue Date: 7/4/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9696-8ASHGQ
Application Year: 2010
Issue Date: 11/12/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 7226-6GLJQM
Application Year: 2011
Issue Date: 6/24/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::

Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 1462-8E5P3N
Application Year: 2011
Issue Date: 2/23/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 2240-8ERLQE
Application Year: 2011
Issue Date: 3/14/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Claridge Homes (Carson) Inc.***
Renaud Rd Ottawa ON

Database: ***CA***

Certificate #: 6667-7P8R2K
Application Year: 2009
Issue Date: 2/13/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***City of Ottawa***
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database: ***CA***

Certificate #: 8790-6VKTPK
Application Year: 2007
Issue Date: 4/26/2007

Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***City of Ottawa***
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database: ***CA***

Certificate #: 2501-6V7Q25
Application Year: 2006
Issue Date: 11/10/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Poole Creek) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0251-6XPLBL
Application Year: 2007
Issue Date: 1/29/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0804-89QHMU
Application Year: 2010
Issue Date: 10/4/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON

Database: ***CA***

Certificate #: 0455-893NVG
Application Year: 2010
Issue Date: 9/9/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON

Database: ***CONV***

File No.: 073001
Publication Title:
Publication City:
Url:
Crown Brief No.:
Ministry District:
Region:
Description: On June 24, 2010, Mattamy (Half Moon Bay) Limited was convicted of two violations for operating a waste disposal site without a Certificate of Approval and failing to conduct a waste audit covering the waste. The Court heard that the company is developing a residential housing subdivision known as Half Moon Bay in the City of Ottawa. On March 21, 2009, ministry staff conducted an inspection of the housing development and observed an employee burning wood waste in an open fire pit. The employee indicated it was the company's practice to burn leftover wood materials at the construction site. No approval had been issued by the ministry. In April 2009, ministry staff followed up with the company and inquired whether it had completed a waste audit and learned that it had not. The company completed and provided a final waste audit to the ministry on May 7, 2009. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was fined $24,000 plus a victim fine surcharge and given 60 days to pay the fine.

--Details--
Publication Date:
Count: 2
Act:
Regulation:
Section:
Act/Regulation/Section:
Date Charged: June 24, 2010
Charge Disposition: fine, victim fine surcharge
Fine: $24,000

Site: ***Mattamy (Half Moon Bay 3) Limited***
Ottawa ON K2S 1B9

Database: ***ECA***

Approval No: 2539-8KRPBJ
Status: Approved
Date: 2011-08-18
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Latitude:
Longitude:
Project Type: Municipal and Private Sewage Works
Approval Type: ECA-Municipal and Private Sewage Works
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2386-8KKHNH-14.pdf

---

Site: ***Claridge Homes (Carson) Inc.***

Database: ***ECA***

Renaud Rd Ottawa ON K2P 0M6

Approval No:	6667-7P8R2K	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2009-02-13	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal and Private Sewage Works		
Approval Type:	ECA-Municipal and Private Sewage Works		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0490-7NYR9F-14.pdf		

Site: ***Mattamy (Mer Bleue) Limited***
Part of Ottawa ON K2K 2M5

Database: ***ECA***

Approval No:	2254-A4KT9R	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2015-12-04	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal and Private Sewage Works		
Approval Type:	ECA-Municipal and Private Sewage Works		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0207-A47SUN-14.pdf		

Site: ***Mattamy (Fairwinds) Limited***
Ottawa ON K2K 2M5

Database: ***ECA***

Approval No:	3306-9AQR9K	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2013-08-26	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal and Private Sewage Works		
Approval Type:	ECA-Municipal and Private Sewage Works		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2685-988R2T-14.pdf		

Site: ***Mattamy (Fairwinds North) Limited***
Ottawa ON K2K 2M5

Database: ***ECA***

Approval No:	1716-9CHP4Z	***SWP Area Name:***	
Status:	Revoked and/or Replaced	***MOE District:***	
Date:	2013-11-04	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal and Private Sewage Works		
Approval Type:	ECA-Municipal and Private Sewage Works		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6344-99RLLF-14.pdf		

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON K2S 1B9

Database: ***ECA***

Approval No:	9531-7EZK5S	***SWP Area Name:***	
Status:	Approved	***MOE District:***	
Date:	2008-06-05	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal and Private Sewage Works		
Approval Type:	ECA-Municipal and Private Sewage Works		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9564-7EPREX-14.pdf		

Site: ***Mattamy (Half Moon Bay) Limited***
Ottawa ON K2S 1B9

Database: ***ECA***

Approval No:	6310-7EVLSJ	***SWP Area Name:***	
Status:	Revoked and/or Replaced	***MOE District:***	
Date:	2008-05-23	***City:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Longitude:***	
Project Type:	Municipal Drinking Water Systems		
Approval Type:	ECA-Municipal Drinking Water Systems		
Full Address:			
Full PDF Link:			

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1523900	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/12/1989
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	44250	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045672	***Spatial Status:***	
DP2BR:	65	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/6/1989
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931056134
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL

Mat2: 81
Other Materials: SANDY
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931056135
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931056136
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 44.00
Formation End Depth UOM: ft

Formation ID: 931056137
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 44.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Formation ID: 931056138
Layer: 5
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 65.00
Formation End Depth: 100.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110470

Layer:	1
Plug From:	2.00
Plug To:	25.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961523900
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10594242
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930079941
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523900
Pump Set At:	
Static Level:	
Final Level After Pumping:	70.00
Recommended Pump Depth:	80.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	15.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934106661
Test Type:	
Test Duration:	15
Test Level:	50.00
Test Level UOM:	ft

Pump Test Detail ID:	934390890
Test Type:	
Test Duration:	30
Test Level:	60.00
Test Level UOM:	ft

Pump Test Detail ID:	934651864
Test Type:	
Test Duration:	45
Test Level:	65.00
Test Level UOM:	ft

Pump Test Detail ID:	934909068
Test Type:	
Test Duration:	60
Test Level:	70.00
Test Level UOM:	ft

Water Details

Water ID:	933482337
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1534093	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/9/2003
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	249120	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10543208	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	p	***UTMRC:***	9
Code OB Desc:	Unknown type above a bedrock layer	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/9/2003
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932925032

Layer: 1
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Formation ID: 932925033
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 65.00
Formation End Depth: 210.00
Formation End Depth UOM: ft

Formation ID: 932925034
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 210.00
Formation End Depth: 250.00
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930098255
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991534093
Pump Set At:
Static Level: 110.00
Final Level After Pumping: 160.00
Recommended Pump Depth: 240.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934113622
Test Type: Draw Down
Test Duration: 15
Test Level: 120.00
Test Level UOM: ft

Pump Test Detail ID: 934397236
Test Type: Draw Down
Test Duration: 30
Test Level: 130.00
Test Level UOM: ft

Pump Test Detail ID: 934657196
Test Type: Draw Down
Test Duration: 45
Test Level: 145.00
Test Level UOM: ft

Pump Test Detail ID: 934914643
Test Type: Draw Down
Test Duration: 60
Test Level: 160.00
Test Level UOM: ft

Water Details

Water ID: 934037012
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 245.00
Water Found Depth UOM: ft

Site:
lot 4 ON

Database:
WWIS

Well ID: 1534040
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:

Data Entry Status:
Data Src: 1
Date Received: 8/5/2003
Selected Flag: 1
Abandonment Rec:
Contractor: 6006
Form Version: 1

Audit No:	263135	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10543155	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	_	***UTMRC:***	9
Code OB Desc:	No formation data	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/17/2003
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	961534040
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11091725
Casing No:	1
Comment:	
Alt Name:	

Site: ***Database:*** ***WWIS***

lot 4 ON

Well ID:	1534039	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/5/2003
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	263134	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

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

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10543154	***Spatial Status:***	
DP2BR:	7	***Cluster Kind:***	
Code OB:	h	***UTMRC:***	9
Code OB Desc:	Mixed in a Layer	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/2/2003
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932924906
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	7.00
Formation End Depth UOM:	ft

Formation ID:	932924907
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	17
Other Materials:	SHALE
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	7.00
Formation End Depth:	12.00
Formation End Depth UOM:	ft

Formation ID:	932924908
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	12.00
Formation End Depth:	169.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933240928
Layer:	1
Plug From:	0.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID:	930098139
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930098140
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991534039
Pump Set At:	
Static Level:	
Final Level After Pumping:	160.00
Recommended Pump Depth:	160.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	8.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934113573
Test Type:	Draw Down
Test Duration:	15
Test Level:	100.00
Test Level UOM:	ft

Pump Test Detail ID:	934396770
Test Type:	Draw Down
Test Duration:	30
Test Level:	100.00
Test Level UOM:	ft

Pump Test Detail ID:	934657147
Test Type:	Draw Down
Test Duration:	45
Test Level:	100.00
Test Level UOM:	ft

Pump Test Detail ID:	934914594
Test Type:	Draw Down
Test Duration:	60
Test Level:	100.00
Test Level UOM:	ft

Water Details

Water ID:	934036928
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	155.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1533667	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/14/2003
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	221961	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10537501	***Spatial Status:***	
DP2BR:	5	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na

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

Org CS:
Date Completed: 7/18/2002

Overburden and Bedrock Materials Interval

Formation ID: 932905477
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 932905478
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 455.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933236219
Layer: 1
Plug From: 8.00
Plug To: 44.00
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID:	930097422
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991533667
Pump Set At:	
Static Level:	150.00
Final Level After Pumping:	455.00
Recommended Pump Depth:	430.00
Pumping Rate:	4.00
Flowing Rate:	
Recommended Pump Rate:	4.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934121212
Test Type:	Draw Down
Test Duration:	15
Test Level:	225.00
Test Level UOM:	ft

Pump Test Detail ID:	934395648
Test Type:	Draw Down
Test Duration:	30
Test Level:	293.00
Test Level UOM:	ft

Pump Test Detail ID:	934665345
Test Type:	Draw Down
Test Duration:	45
Test Level:	343.00
Test Level UOM:	ft

Pump Test Detail ID:	934913472
Test Type:	Draw Down
Test Duration:	60
Test Level:	407.00
Test Level UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1532469	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/9/2001
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006

Casing Material:		***Form Version:***	1
Audit No:	237273	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10516919	***Spatial Status:***	
DP2BR:	0	***Cluster Kind:***	
Code OB:	h	***UTMRC:***	9
Code OB Desc:	Mixed in a Layer	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/8/2001
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932832928
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	17
Other Materials:	SHALE
Formation Top Depth:	0.00
Formation End Depth:	4.00
Formation End Depth UOM:	ft

Formation ID:	932832929
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	4.00
Formation End Depth:	80.00
Formation End Depth UOM:	ft

Formation ID:	932832930
Layer:	3
Color:	6
General Color:	BROWN

Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 80.00
Formation End Depth: 135.00
Formation End Depth UOM: ft

Formation ID: 932832931
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 135.00
Formation End Depth: 200.00
Formation End Depth UOM: ft

Formation ID: 932832932
Layer: 5
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 200.00
Formation End Depth: 256.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933219906
Layer: 1
Plug From: 0.00
Plug To: 90.00
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930094903

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930094904
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991532469
Pump Set At:	
Static Level:	23.00
Final Level After Pumping:	250.00
Recommended Pump Depth:	250.00
Pumping Rate:	4.00
Flowing Rate:	
Recommended Pump Rate:	3.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934116856
Test Type:	Recovery
Test Duration:	15
Test Level:	205.00
Test Level UOM:	ft

Pump Test Detail ID:	934401024
Test Type:	Recovery
Test Duration:	30
Test Level:	170.00
Test Level UOM:	ft

Pump Test Detail ID:	934660991
Test Type:	Recovery
Test Duration:	45
Test Level:	140.00
Test Level UOM:	ft

Pump Test Detail ID:	934917737
Test Type:	Recovery
Test Duration:	60
Test Level:	100.00
Test Level UOM:	ft

Water Details

Water ID:	934008685
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.00
Water Found Depth UOM:	ft

Water ID:	934008686
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1532284	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/17/2001
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	232367	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10516734	***Spatial Status:***	
DP2BR:	242	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/4/2001
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932832368
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Other Materials:	DENSE

Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 932832369
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 225.00
Formation End Depth UOM: ft

Formation ID: 932832370
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 77
Other Materials: LOOSE
Mat3:
Other Materials:
Formation Top Depth: 225.00
Formation End Depth: 242.00
Formation End Depth UOM: ft

Formation ID: 932832371
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 242.00
Formation End Depth: 245.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933219734
Layer: 1
Plug From: 0.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930094526
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930094527
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930094528
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991532284
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 245.00
Recommended Pump Depth: 100.00
Pumping Rate: 35.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934116269
Test Type: Recovery
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934399883

Test Type:	Recovery
Test Duration:	30
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934660405
Test Type:	Recovery
Test Duration:	45
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934917291
Test Type:	Recovery
Test Duration:	60
Test Level:	20.00
Test Level UOM:	ft

Water Details

Water ID:	934008456
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	244.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1520202	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/4/1985
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10042047	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/8/1985
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931044050
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	11.00
Formation End Depth UOM:	ft

Formation ID:	931044051
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	11.00
Formation End Depth:	181.00
Formation End Depth UOM:	ft

Formation ID:	931044052
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	181.00
Formation End Depth:	187.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961520202
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10590617
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930073385
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	187.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991520202
Pump Set At:	
Static Level:	80.00
Final Level After Pumping:	110.00
Recommended Pump Depth:	140.00
Pumping Rate:	18.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934111432
Test Type:	Draw Down
Test Duration:	15
Test Level:	110.00
Test Level UOM:	ft

Pump Test Detail ID:	934377252
Test Type:	Draw Down
Test Duration:	30
Test Level:	110.00
Test Level UOM:	ft

Pump Test Detail ID:	934656006
Test Type:	Draw Down
Test Duration:	45
Test Level:	110.00
Test Level UOM:	ft

Pump Test Detail ID:	934904975
Test Type:	Draw Down
Test Duration:	60
Test Level:	110.00
Test Level UOM:	ft

Water Details

Water ID:	933477383
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	187.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1521453

Data Entry Status:

Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/13/1997
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	12525	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043275	***Spatial Status:***	
DP2BR:	18	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/13/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931048108
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	18.00
Formation End Depth UOM:	ft

Formation ID:	931048109
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	18.00
Formation End Depth:	50.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521453
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10591845
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930075574
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521453
Pump Set At:	
Static Level:	7.00
Final Level After Pumping:	38.00
Recommended Pump Depth:	46.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	8.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934106519
Test Type:	Draw Down
Test Duration:	15
Test Level:	27.00
Test Level UOM:	ft

Pump Test Detail ID:	934390198
Test Type:	Draw Down
Test Duration:	30
Test Level:	38.00
Test Level UOM:	ft

Pump Test Detail ID:	934651763
Test Type:	Draw Down
Test Duration:	45
Test Level:	38.00

Test Level UOM:	ft

Pump Test Detail ID:	934908854
Test Type:	Draw Down
Test Duration:	60
Test Level:	38.00
Test Level UOM:	ft

Water Details

Water ID:	933479027
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	48.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1530273	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/6/1998
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	191060	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051808	***Spatial Status:***	
DP2BR:	50	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/6/1998
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075023
Layer:	1
Color:	7
General Color:	RED
Mat1:	05

Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 931075024
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 32.00
Formation End Depth UOM: ft

Formation ID: 931075025
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 32.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Formation ID: 931075026
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 42.00
Formation End Depth: 50.00
Formation End Depth UOM: ft

Formation ID: 931075027
Layer: 5
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50.00
Formation End Depth: 56.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115405
Layer:	1
Plug From:	0.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID:	930090278
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	50.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930090279
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	56.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991530273
Pump Set At:	
Static Level:	12.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	46.00
Pumping Rate:	12.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934117864

Test Type:	Recovery
Test Duration:	15
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934392848
Test Type:	Recovery
Test Duration:	30
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934662419
Test Type:	Recovery
Test Duration:	45
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934910965
Test Type:	Recovery
Test Duration:	60
Test Level:	12.00
Test Level UOM:	ft

Water Details

Water ID:	933490341
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1530022	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/11/1998
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6455
Casing Material:		***Form Version:***	1
Audit No:	180720	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	LI
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051557	***Spatial Status:***	
DP2BR:	54	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	5/22/1998
Remarks:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931074228
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3: 88
Other Materials: THICK
Formation Top Depth: 0.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931074229
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 88
Other Materials: THICK
Mat3:
Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 36.00
Formation End Depth UOM: ft

Formation ID: 931074230
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 14
Other Materials: HARDPAN
Formation Top Depth: 36.00
Formation End Depth: 54.00
Formation End Depth UOM: ft

Formation ID: 931074231
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3: 73
Other Materials: HARD
Formation Top Depth: 54.00
Formation End Depth: 70.00
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933115138
Layer:	1
Plug From:	0.00
Plug To:	21.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530022
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10600127
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930089820
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930089821
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991530022
Pump Set At:	
Static Level:	17.00
Final Level After Pumping:	26.00
Recommended Pump Depth:	40.00
Pumping Rate:	50.00
Flowing Rate:	
Recommended Pump Rate:	10.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	12
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934117237
Test Type:	
Test Duration:	15
Test Level:	26.00
Test Level UOM:	ft

Pump Test Detail ID:	934392215
Test Type:	
Test Duration:	30
Test Level:	26.00
Test Level UOM:	ft

Pump Test Detail ID:	934661373
Test Type:	
Test Duration:	45
Test Level:	26.00
Test Level UOM:	ft

Pump Test Detail ID:	934909911
Test Type:	
Test Duration:	60
Test Level:	26.00
Test Level UOM:	ft

Water Details

Water ID:	933490035
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	66.00
Water Found Depth UOM:	ft

Site: ***Database:*** ***WWIS***

lot 4 ON

Well ID:	1529602	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/10/1997
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	176782	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051137	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	

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

Date Completed: 7/30/1997

Overburden and Bedrock Materials Interval

Formation ID: 931073269
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931073270
Layer: 2
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 23.00
Formation End Depth UOM: ft

Formation ID: 931073271
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Other Materials: BOULDERS
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 23.00
Formation End Depth: 36.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114627
Layer: 1
Plug From: 0.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529602
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10599707
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089263
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991529602
Pump Set At:
Static Level: 12.00
Final Level After Pumping: 20.00
Recommended Pump Depth: 27.00
Pumping Rate: 25.00
Flowing Rate:
Recommended Pump Rate: 10.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934116171
Test Type: Recovery
Test Duration: 15
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934391143
Test Type: Recovery
Test Duration: 30
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934660307
Test Type: Recovery
Test Duration: 45
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934909261
Test Type: Recovery

Test Duration:	60
Test Level:	12.00
Test Level UOM:	ft

Water Details

Water ID:	933489617
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1528175	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/15/1994
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6455
Casing Material:		***Form Version:***	1
Audit No:	115159	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10049714	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/2/1994
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068828
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Other Materials:	LOOSE
Mat3:	

Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 11.00
Formation End Depth UOM: ft

Formation ID: 931068829
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 88
Other Materials: THICK
Mat3:
Other Materials:
Formation Top Depth: 11.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Formation ID: 931068830
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 30.00
Formation End Depth: 49.00
Formation End Depth UOM: ft

Formation ID: 931068831
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 14
Other Materials: HARDPAN
Formation Top Depth: 49.00
Formation End Depth: 59.00
Formation End Depth UOM: ft

Formation ID: 931068832
Layer: 5
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 59.00
Formation End Depth: 67.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113016
Layer: 1
Plug From: 0.00
Plug To: 20.00

Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930086895
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086896
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 67.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528175
Pump Set At:
Static Level: 30.00
Final Level After Pumping: 42.00
Recommended Pump Depth: 60.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934112430
Test Type: Draw Down
Test Duration: 15
Test Level: 36.00
Test Level UOM: ft

Pump Test Detail ID:	934387239
Test Type:	Draw Down
Test Duration:	30
Test Level:	42.00
Test Level UOM:	ft

Pump Test Detail ID:	934648176
Test Type:	Draw Down
Test Duration:	45
Test Level:	42.00
Test Level UOM:	ft

Pump Test Detail ID:	934905359
Test Type:	Draw Down
Test Duration:	60
Test Level:	42.00
Test Level UOM:	ft

Water Details

Water ID:	933487774
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	66.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 4 ON ***WWIS***

Well ID:	1525984	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/9/1991
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6587
Casing Material:		***Form Version:***	1
Audit No:	111453	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047719	***Spatial Status:***	
DP2BR:	11	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/16/1991
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931062870
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.00
Formation End Depth:	11.00
Formation End Depth UOM:	ft

Formation ID:	931062871
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	80
Other Materials:	POROUS
Mat3:	
Other Materials:	
Formation Top Depth:	11.00
Formation End Depth:	16.00
Formation End Depth UOM:	ft

Formation ID:	931062872
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	16.00
Formation End Depth:	48.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111478
Layer:	1
Plug From:	0.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961525984
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10596289
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930083555
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930083556
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525984
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	45.00
Recommended Pump Depth:	45.00
Pumping Rate:	6.00
Flowing Rate:	
Recommended Pump Rate:	5.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106179
Test Type:	
Test Duration:	15
Test Level:	35.00
Test Level UOM:	ft

Pump Test Detail ID:	934389813
Test Type:	
Test Duration:	30
Test Level:	45.00
Test Level UOM:	ft

Pump Test Detail ID:	934650336
Test Type:	
Test Duration:	45
Test Level:	45.00

Test Level UOM:	ft

Pump Test Detail ID:	934907533
Test Type:	
Test Duration:	60
Test Level:	45.00
Test Level UOM:	ft

Water Details

Water ID:	933485148
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1524643	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/20/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	67168	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046391	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/3/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931058617
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28

Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 7.00
Formation End Depth UOM: ft

Formation ID: 931058618
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 7.00
Formation End Depth: 53.00
Formation End Depth UOM: ft

Formation ID: 931058619
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 53.00
Formation End Depth: 58.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524643
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594961
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081229
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991524643
Pump Set At:	
Static Level:	24.00
Final Level After Pumping:	47.00
Recommended Pump Depth:	52.00
Pumping Rate:	18.00
Flowing Rate:	
Recommended Pump Rate:	6.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	45
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934109418
Test Type:	Draw Down
Test Duration:	15
Test Level:	38.00
Test Level UOM:	ft

Pump Test Detail ID:	934384831
Test Type:	Draw Down
Test Duration:	30
Test Level:	46.00
Test Level UOM:	ft

Pump Test Detail ID:	934654610
Test Type:	Draw Down
Test Duration:	45
Test Level:	47.00
Test Level UOM:	ft

Pump Test Detail ID:	934902991
Test Type:	Draw Down
Test Duration:	60
Test Level:	47.00
Test Level UOM:	ft

Water Details

Water ID:	933483326
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 4 ON ***WWIS***

Well ID:	1524123	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/26/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	56300	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045895	***Spatial Status:***	
DP2BR:	56	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/14/1989
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931056931
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	28.00
Formation End Depth UOM:	ft

Formation ID:	931056932
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	28.00
Formation End Depth:	56.00
Formation End Depth UOM:	ft

Formation ID:	931056933
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 56.00
Formation End Depth: 84.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524123
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594465
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080343
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930080344
Layer: 2
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 84.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524123
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 75.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934107704

Test Type:	
Test Duration:	15
Test Level:	75.00
Test Level UOM:	ft

Pump Test Detail ID:	934391933
Test Type:	
Test Duration:	30
Test Level:	75.00
Test Level UOM:	ft

Pump Test Detail ID:	934652483
Test Type:	
Test Duration:	45
Test Level:	75.00
Test Level UOM:	ft

Pump Test Detail ID:	934910103
Test Type:	
Test Duration:	60
Test Level:	75.00
Test Level UOM:	ft

Water Details

Water ID:	933482665
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	78.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1523464	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/26/1989
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	40121	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045239	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/1/1989
Remarks:			

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

Overburden and Bedrock Materials Interval

Formation ID:	931054699
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft

Formation ID:	931054700
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	2.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	931054701
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	3.00
Formation End Depth:	195.00
Formation End Depth UOM:	ft

Formation ID:	931054702
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	195.00
Formation End Depth:	242.00
Formation End Depth UOM:	ft

Formation ID:	931054703
Layer:	5

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	00
Other Materials:	UNKNOWN TYPE
Mat3:	
Other Materials:	
Formation Top Depth:	242.00
Formation End Depth:	274.00
Formation End Depth UOM:	ft

Formation ID:	931054704
Layer:	6
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	08
Other Materials:	FINE SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	274.00
Formation End Depth:	288.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961523464
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10593809
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930079159
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	288.00
Casing Diameter:	7.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523464
Pump Set At:	
Static Level:	
Final Level After Pumping:	145.00
Recommended Pump Depth:	180.00
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934104990
Test Type:	
Test Duration:	15
Test Level:	65.00
Test Level UOM:	ft
Pump Test Detail ID:	934389219
Test Type:	
Test Duration:	30
Test Level:	110.00
Test Level UOM:	ft
Pump Test Detail ID:	934650200
Test Type:	
Test Duration:	45
Test Level:	145.00
Test Level UOM:	ft

Water Details

Water ID:	933481732
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	288.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 4 ON ***WWIS***

Well ID:	1523007	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/2/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	37551	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044813	***Spatial Status:***	
DP2BR:	55	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM

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

Location Method: na
Org CS:
Date Completed: 10/17/1988

Overburden and Bedrock Materials Interval

Formation ID: 931053217
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 55.00
Formation End Depth UOM: ft

Formation ID: 931053218
Layer: 2
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 55.00
Formation End Depth: 174.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110061
Layer: 1
Plug From: 4.00
Plug To: 36.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523007
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593383
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930078398
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523007
Pump Set At:	
Static Level:	40.00
Final Level After Pumping:	159.00
Recommended Pump Depth:	168.00
Pumping Rate:	7.00
Flowing Rate:	
Recommended Pump Rate:	5.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	55
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934112163
Test Type:	Draw Down
Test Duration:	15
Test Level:	75.00
Test Level UOM:	ft

Pump Test Detail ID:	934388005
Test Type:	Draw Down
Test Duration:	30
Test Level:	95.00
Test Level UOM:	ft

Pump Test Detail ID:	934648568
Test Type:	Draw Down
Test Duration:	45
Test Level:	120.00
Test Level UOM:	ft

Pump Test Detail ID:	934906193
Test Type:	Draw Down
Test Duration:	60
Test Level:	159.00
Test Level UOM:	ft

Water Details

Water ID:	933481101
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	128.00

Water Found Depth UOM: ft

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1522421	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/22/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	13205	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044233	***Spatial Status:***	
DP2BR:	11	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/28/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931051377
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	11.00
Formation End Depth UOM:	ft

Formation ID:	931051378
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 11.00
Formation End Depth: 186.00
Formation End Depth UOM: ft

Formation ID: 931051379
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 186.00
Formation End Depth: 204.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109887
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522421
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592803
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077361
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522421
Pump Set At:
Static Level: 170.00
Final Level After Pumping: 180.00
Recommended Pump Depth: 199.00

Pumping Rate:	18.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934110344
Test Type:	Draw Down
Test Duration:	15
Test Level:	180.00
Test Level UOM:	ft

Pump Test Detail ID:	934385210
Test Type:	Draw Down
Test Duration:	30
Test Level:	180.00
Test Level UOM:	ft

Pump Test Detail ID:	934655153
Test Type:	Draw Down
Test Duration:	45
Test Level:	180.00
Test Level UOM:	ft

Pump Test Detail ID:	934903980
Test Type:	Draw Down
Test Duration:	60
Test Level:	180.00
Test Level UOM:	ft

Water Details

Water ID:	933480312
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	186.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1522281	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/26/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	26024	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044094
DP2BR: 16
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 4/6/1988

Overburden and Bedrock Materials Interval

Formation ID: 931050801
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 16.00
Formation End Depth UOM: ft

Formation ID: 931050802
Layer: 2
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 16.00
Formation End Depth: 108.00
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10592664
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930077116
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991522281
Pump Set At:	
Static Level:	45.00
Final Level After Pumping:	100.00
Recommended Pump Depth:	102.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	6.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934109809
Test Type:	Draw Down
Test Duration:	15
Test Level:	85.00
Test Level UOM:	ft

Pump Test Detail ID:	934385792
Test Type:	Draw Down
Test Duration:	30
Test Level:	100.00
Test Level UOM:	ft

Pump Test Detail ID:	934655041
Test Type:	Draw Down
Test Duration:	45
Test Level:	100.00
Test Level UOM:	ft

Pump Test Detail ID:	934903456
Test Type:	Draw Down
Test Duration:	60
Test Level:	100.00
Test Level UOM:	ft

Water Details

Water ID:	933480109
Layer:	1
Kind Code:	1

Kind:	FRESH
Water Found Depth:	87.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1521574	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/17/1987
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	12554	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043396	***Spatial Status:***	
DP2BR:	46	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/8/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931048525
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	46.00
Formation End Depth UOM:	ft

Formation ID:	931048526
Layer:	2
Color:	3
General Color:	BLUE

Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	46.00
Formation End Depth:	86.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521574
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10591966
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930075804
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521574
Pump Set At:	
Static Level:	9.00
Final Level After Pumping:	74.00
Recommended Pump Depth:	82.00
Pumping Rate:	14.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934107049
Test Type:	Draw Down
Test Duration:	15
Test Level:	65.00
Test Level UOM:	ft

Pump Test Detail ID:	934390731

Test Type:	Draw Down
Test Duration:	30
Test Level:	74.00
Test Level UOM:	ft

Pump Test Detail ID:	934652292
Test Type:	Draw Down
Test Duration:	45
Test Level:	74.00
Test Level UOM:	ft

Pump Test Detail ID:	934909942
Test Type:	Draw Down
Test Duration:	60
Test Level:	74.00
Test Level UOM:	ft

Water Details

Water ID:	933479197
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1521312	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/22/1987
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	05913	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043134	***Spatial Status:***	
DP2BR:	17	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	5/8/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931047537
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	6.00
Formation End Depth UOM:	ft

Formation ID:	931047538
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	6.00
Formation End Depth:	17.00
Formation End Depth UOM:	ft

Formation ID:	931047539
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Other Materials:	ROCK
Mat3:	
Other Materials:	
Formation Top Depth:	17.00
Formation End Depth:	80.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933109367
Layer:	1
Plug From:	0.00
Plug To:	24.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521312
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10591704
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075311
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521312
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 60.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934105991
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934390090
Test Type:
Test Duration: 30
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934651237
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934909445
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933478817

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database: ***WWIS***

Well ID:	1521309	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/14/1987
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043131	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	4/15/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931047526
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	6.00
Formation End Depth UOM:	ft

Formation ID:	931047527
Layer:	2

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6.00
Formation End Depth:	13.00
Formation End Depth UOM:	ft

Formation ID:	931047528
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13.00
Formation End Depth:	64.00
Formation End Depth UOM:	ft

Formation ID:	931047529
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	31
Other Materials:	COARSE GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	64.00
Formation End Depth:	69.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521309
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10591701
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930075308
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	69.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521309
Pump Set At:	
Static Level:	34.00
Final Level After Pumping:	56.00
Recommended Pump Depth:	62.00
Pumping Rate:	13.00
Flowing Rate:	
Recommended Pump Rate:	8.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934105988
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.00
Test Level UOM:	ft

Pump Test Detail ID:	934390087
Test Type:	Draw Down
Test Duration:	30
Test Level:	56.00
Test Level UOM:	ft

Pump Test Detail ID:	934651234
Test Type:	Draw Down
Test Duration:	45
Test Level:	56.00
Test Level UOM:	ft

Pump Test Detail ID:	934909442
Test Type:	Draw Down
Test Duration:	60
Test Level:	56.00
Test Level UOM:	ft

Water Details

Water ID:	933478814
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	69.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1519223	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/11/1984
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041093	***Spatial Status:***	
DP2BR:	80	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/14/1984
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040998
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	15.00
Formation End Depth UOM:	ft

Formation ID:	931040999
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15.00
Formation End Depth:	26.00
Formation End Depth UOM:	ft

Formation ID:	931041000
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN

Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 26.00
Formation End Depth: 58.00
Formation End Depth UOM: ft

Formation ID: 931041001
Layer: 4
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 58.00
Formation End Depth: 80.00
Formation End Depth UOM: ft

Formation ID: 931041002
Layer: 5
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 80.00
Formation End Depth: 82.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933108848
Layer: 1
Plug From: 0.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519223
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10589663
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071755
Layer: 1
Material: 1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	80.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519223
Pump Set At:	
Static Level:	30.00
Final Level After Pumping:	68.00
Recommended Pump Depth:	75.00
Pumping Rate:	15.00
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934107463
Test Type:	
Test Duration:	15
Test Level:	50.00
Test Level UOM:	ft
Pump Test Detail ID:	934382201
Test Type:	
Test Duration:	30
Test Level:	55.00
Test Level UOM:	ft
Pump Test Detail ID:	934652734
Test Type:	
Test Duration:	45
Test Level:	60.00
Test Level UOM:	ft
Pump Test Detail ID:	934901702
Test Type:	
Test Duration:	60
Test Level:	68.00
Test Level UOM:	ft

Water Details

Water ID:	933476144
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	81.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1520778
Construction Date:

Data Entry Status:
Data Src: 1

Primary Water Use:	Domestic	***Date Received:***	9/25/1986
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10042619	***Spatial Status:***	
DP2BR:	4	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	1/22/1986
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931045787
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	4.00
Formation End Depth UOM:	ft

Formation ID:	931045788
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	4.00
Formation End Depth:	191.00
Formation End Depth UOM:	ft

Formation ID:	931045789
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	191.00
Formation End Depth:	207.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961520778
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10591189
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930074379
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991520778
Pump Set At:	
Static Level:	65.00
Final Level After Pumping:	170.00
Recommended Pump Depth:	200.00
Pumping Rate:	5.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934104821
Test Type:	Draw Down
Test Duration:	15

Test Level:	155.00
Test Level UOM:	ft

Pump Test Detail ID:	934387941
Test Type:	Draw Down
Test Duration:	30
Test Level:	170.00
Test Level UOM:	ft

Pump Test Detail ID:	934649517
Test Type:	Draw Down
Test Duration:	45
Test Level:	170.00
Test Level UOM:	ft

Pump Test Detail ID:	934906597
Test Type:	Draw Down
Test Duration:	60
Test Level:	170.00
Test Level UOM:	ft

Water Details

Water ID:	933478123
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	165.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID:	1521451	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/13/1987
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	12523	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043273	***Spatial Status:***	
DP2BR:	4	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	5/25/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931048102
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.00
Formation End Depth UOM: ft

Formation ID: 931048103
Layer: 2
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4.00
Formation End Depth: 101.00
Formation End Depth UOM: ft

Formation ID: 931048104
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 101.00
Formation End Depth: 107.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109469
Layer: 1
Plug From: 0.00
Plug To: 40.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521451
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID:	10591843
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930075572
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521451
Pump Set At:	
Static Level:	28.00
Final Level After Pumping:	98.00
Recommended Pump Depth:	104.00
Pumping Rate:	6.00
Flowing Rate:	
Recommended Pump Rate:	4.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934106517
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.00
Test Level UOM:	ft

Pump Test Detail ID:	934390196
Test Type:	Draw Down
Test Duration:	30
Test Level:	47.00
Test Level UOM:	ft

Pump Test Detail ID:	934651761
Test Type:	Draw Down
Test Duration:	45
Test Level:	95.00
Test Level UOM:	ft

Pump Test Detail ID:	934908852
Test Type:	Draw Down
Test Duration:	60
Test Level:	98.00
Test Level UOM:	ft

Water Details

Water ID:	933479025
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	103.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1522416	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/6/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	25146	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044228	***Spatial Status:***	
DP2BR:	16	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/9/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931051364
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	16.00
Formation End Depth UOM:	ft

Formation ID:	931051365
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	80
Other Materials:	POROUS
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	16.00
Formation End Depth:	124.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933109882
Layer:	1
Plug From:	0.00
Plug To:	40.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961522416
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10592798
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930077354
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991522416
Pump Set At:	
Static Level:	23.00
Final Level After Pumping:	23.00
Recommended Pump Depth:	14.00
Pumping Rate:	14.00
Flowing Rate:	
Recommended Pump Rate:	100.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934109920
Test Type:	Draw Down
Test Duration:	15
Test Level:	19.00
Test Level UOM:	ft

Pump Test Detail ID:	934385205
Test Type:	Draw Down
Test Duration:	30
Test Level:	21.00
Test Level UOM:	ft

Pump Test Detail ID:	934655148
Test Type:	Draw Down
Test Duration:	45
Test Level:	23.00
Test Level UOM:	ft

Pump Test Detail ID:	934903975
Test Type:	Draw Down
Test Duration:	60
Test Level:	23.00
Test Level UOM:	ft

Water Details

Water ID:	933480301
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	96.00
Water Found Depth UOM:	ft

Water ID:	933480302
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108.00
Water Found Depth UOM:	ft

Water ID:	933480303
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	122.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1524657	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/20/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	74616	***Owner:***	
Tag:		***Street Name:***	

Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046405	***Spatial Status:***	
DP2BR:	5	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/27/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931058667
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Other Materials:	FILL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	5.00
Formation End Depth UOM:	ft

Formation ID:	931058668
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5.00
Formation End Depth:	255.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933110875
Layer:	1
Plug From:	7.00

Plug To: 40.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524657
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594975
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081248
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524657
Pump Set At:
Static Level: 45.00
Final Level After Pumping: 160.00
Recommended Pump Depth: 245.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 6.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934109432
Test Type: Draw Down
Test Duration: 15
Test Level: 89.00
Test Level UOM: ft

Pump Test Detail ID: 934384845
Test Type: Draw Down
Test Duration: 30
Test Level: 140.00
Test Level UOM: ft

Pump Test Detail ID: 934654623
Test Type: Draw Down

Test Duration:	45
Test Level:	160.00
Test Level UOM:	ft

Water Details

Water ID:	933483342
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145.00
Water Found Depth UOM:	ft

Water ID:	933483343
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	180.00
Water Found Depth UOM:	ft

Water ID:	933483344
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.00
Water Found Depth UOM:	ft

Water ID:	933483345
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	230.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1526037	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/13/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2348
Casing Material:		***Form Version:***	1
Audit No:	84935	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047772	***Spatial Status:***	
DP2BR:	70	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	

Elevrc: ***Date Completed:*** 11/29/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931063040
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 20.00
Formation End Depth UOM: ft

Formation ID: 931063041
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Formation ID: 931063042
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 65.00
Formation End Depth: 70.00
Formation End Depth UOM: ft

Formation ID: 931063043
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Other Materials: SHALE
Mat3:
Other Materials:
Formation Top Depth: 70.00
Formation End Depth: 85.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961526037
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10596342
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930083642
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991526037
Pump Set At:	
Static Level:	75.00
Final Level After Pumping:	80.00
Recommended Pump Depth:	80.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	15.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106229
Test Type:	
Test Duration:	15
Test Level:	80.00
Test Level UOM:	ft

Pump Test Detail ID:	934389863
Test Type:	
Test Duration:	30
Test Level:	80.00
Test Level UOM:	ft

Pump Test Detail ID:	934650386
Test Type:	
Test Duration:	45
Test Level:	80.00
Test Level UOM:	ft

Pump Test Detail ID:	934908004
Test Type:	
Test Duration:	60
Test Level:	80.00
Test Level UOM:	ft

Water Details

Water ID:	933485213
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	78.00
Water Found Depth UOM:	ft

Water ID:	933485214
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1529778	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/11/1997
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	184948	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051313	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/22/1997
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931073797
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 15.00
Formation End Depth UOM: ft

Formation ID: 931073798
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 15.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931073799
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114847
Layer: 1
Plug From: 0.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529778
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10599883
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930089585
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991529778
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	20.00
Recommended Pump Depth:	25.00
Pumping Rate:	35.00
Flowing Rate:	
Recommended Pump Rate:	10.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934116717
Test Type:	Recovery
Test Duration:	15
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934391691
Test Type:	Recovery
Test Duration:	30
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934660853
Test Type:	Recovery
Test Duration:	45
Test Level:	20.00
Test Level UOM:	ft

Pump Test Detail ID:	934909809
Test Type:	Recovery
Test Duration:	60
Test Level:	20.00
Test Level UOM:	ft

Water Details

Water ID:	933489834
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.00

Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1530290	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/20/1998
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	197031	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051825	***Spatial Status:***	
DP2BR:	32	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/14/1998
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075067
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	03
Most Common Material:	MUCK
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	4.00
Formation End Depth UOM:	ft

Formation ID:	931075068
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 4.00
Formation End Depth: 21.00
Formation End Depth UOM: ft

Formation ID: 931075069
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 21.00
Formation End Depth: 32.00
Formation End Depth UOM: ft

Formation ID: 931075070
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 32.00
Formation End Depth: 153.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115424
Layer: 1
Plug From: 0.00
Plug To: 27.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530290
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600395
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090302
Layer: 1
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 23.00
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930090303
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930090304
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530290
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 150.00
Recommended Pump Depth:
Pumping Rate: 4.00
Flowing Rate:
Recommended Pump Rate: 3.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934118292
Test Type: Recovery
Test Duration: 15
Test Level: 90.00
Test Level UOM: ft

Pump Test Detail ID: 934392859
Test Type: Recovery
Test Duration: 30
Test Level: 55.00
Test Level UOM: ft

Pump Test Detail ID: 934662430
Test Type: Recovery
Test Duration: 45
Test Level: 41.00
Test Level UOM: ft

Pump Test Detail ID: 934910974

Test Type:	Recovery
Test Duration:	60
Test Level:	40.00
Test Level UOM:	ft

Water Details

Water ID:	933490353
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1530508	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/6/1999
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	191088	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052043	***Spatial Status:***	
DP2BR:	55	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	4/28/1999
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075732
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT

Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931075733
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Formation ID: 931075734
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Other Materials: BOULDERS
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 42.00
Formation End Depth: 55.00
Formation End Depth UOM: ft

Formation ID: 931075735
Layer: 4
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2: 80
Other Materials: POROUS
Mat3:
Other Materials:
Formation Top Depth: 55.00
Formation End Depth: 56.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115658
Layer: 1
Plug From: 0.00
Plug To: 30.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530508
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID:	10600613
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930090777
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930090778
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	56.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991530508
Pump Set At:	
Static Level:	12.00
Final Level After Pumping:	50.00
Recommended Pump Depth:	45.00
Pumping Rate:	15.00
Flowing Rate:	
Recommended Pump Rate:	10.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934118900
Test Type:	Recovery
Test Duration:	15
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934385076
Test Type:	Recovery
Test Duration:	30
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934663039
Test Type:	Recovery
Test Duration:	45
Test Level:	12.00
Test Level UOM:	ft

Pump Test Detail ID:	934902209
Test Type:	Recovery
Test Duration:	60
Test Level:	12.00
Test Level UOM:	ft

Water Details

Water ID:	933490672
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 3 ON ***WWIS***

Well ID:	1531371	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/7/2000
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	220220	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052905	***Spatial Status:***	
DP2BR:	18	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/12/2000
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931078296
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN

Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 18.00
Formation End Depth UOM: ft

Formation ID: 931078297
Layer: 2
Color: 5
General Color: YELLOW
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Formation ID: 931078298
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 30.00
Formation End Depth: 182.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116537
Layer: 1
Plug From: 0.00
Plug To: 44.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531371
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601475
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092560
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531371
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 150.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934113535
Test Type: Draw Down
Test Duration: 15
Test Level: 45.00
Test Level UOM: ft

Pump Test Detail ID: 934396039
Test Type: Draw Down
Test Duration: 30
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934657530
Test Type: Draw Down
Test Duration: 45
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934914422
Test Type: Draw Down
Test Duration: 60
Test Level: 60.00
Test Level UOM: ft

Water Details

Water ID: 933491809
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 155.00
Water Found Depth UOM: ft

Water ID: 933491810
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 179.00

Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1531567	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/17/2000
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	224544	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10053101	***Spatial Status:***	
DP2BR:	278	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/9/2000
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931078870
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	28
Most Common Material:	SAND
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	9.00
Formation End Depth UOM:	ft

Formation ID:	931078871
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2: 28
Other Materials: SAND
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 9.00
Formation End Depth: 278.00
Formation End Depth UOM: ft

Formation ID: 931078872
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 278.00
Formation End Depth: 283.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116738
Layer: 1
Plug From: 0.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531567
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601671
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092996
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092997
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00

Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092998
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531567
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 200.00
Recommended Pump Depth: 100.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 8.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934113984
Test Type: Recovery
Test Duration: 15
Test Level: 25.00
Test Level UOM: ft

Pump Test Detail ID: 934397183
Test Type: Recovery
Test Duration: 30
Test Level: 25.00
Test Level UOM: ft

Pump Test Detail ID: 934658118
Test Type: Recovery
Test Duration: 45
Test Level: 25.00
Test Level UOM: ft

Pump Test Detail ID: 934915009
Test Type: Recovery
Test Duration: 60
Test Level: 25.00
Test Level UOM: ft

Water Details

Water ID: 933492076
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 280.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1531723	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/26/2001
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	220258	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10053257	***Spatial Status:***	
DP2BR:	37	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/28/2000
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931079336
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	81
Other Materials:	SANDY
Mat3:	05
Other Materials:	CLAY
Formation Top Depth:	0.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	931079337
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12

Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931079338
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Formation ID: 931079339
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 42.00
Formation End Depth: 73.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116887
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531723
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:	
Depth To:	
Casing Diameter:	18.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531723
Pump Set At:	
Static Level:	23.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	50.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	12.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934114544
Test Type:	Draw Down
Test Duration:	15
Test Level:	28.00
Test Level UOM:	ft

Pump Test Detail ID:	934397743
Test Type:	Draw Down
Test Duration:	30
Test Level:	28.00
Test Level UOM:	ft

Pump Test Detail ID:	934658679
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934916125
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.00
Test Level UOM:	ft

Water Details

Water ID:	933492311
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 3 ON ***WWIS***

Well ID:	1531270	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/8/2000

Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	221325	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052804	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/24/2000
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931078037
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	28
Most Common Material:	SAND
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	8.00
Formation End Depth UOM:	ft

Formation ID:	931078038
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	8.00
Formation End Depth:	100.00
Formation End Depth UOM:	ft

Formation ID:	931078039

Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	100.00
Formation End Depth:	108.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933116442
Layer:	1
Plug From:	0.00
Plug To:	20.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531270
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10601374
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930092335
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531270
Pump Set At:	
Static Level:	25.00
Final Level After Pumping:	55.00
Recommended Pump Depth:	90.00
Pumping Rate:	30.00
Flowing Rate:	
Recommended Pump Rate:	10.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1

Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934113443
Test Type:	Recovery
Test Duration:	15
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934395947
Test Type:	Recovery
Test Duration:	30
Test Level:	25.00
Test Level UOM:	ft

Pump Test Detail ID:	934657021
Test Type:	Recovery
Test Duration:	45
Test Level:	25.00
Test Level UOM:	ft

Pump Test Detail ID:	934913913
Test Type:	Recovery
Test Duration:	60
Test Level:	25.00
Test Level UOM:	ft

Water Details

Water ID:	933491660
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1531001	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/21/2000
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	191618	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052535	***Spatial Status:***	
DP2BR:	12	***Cluster Kind:***	

Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/6/1999

Overburden and Bedrock Materials Interval

Formation ID: 931077212
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931077213
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 268.00
Formation End Depth UOM: ft

Formation ID: 931077214
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 268.00
Formation End Depth: 280.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116178
Layer: 1
Plug From: 0.00
Plug To: 40.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961531001
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10601105
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930091782
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531001
Pump Set At:	
Static Level:	22.00
Final Level After Pumping:	50.00
Recommended Pump Depth:	150.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	12.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934120578
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.00
Test Level UOM:	ft

Pump Test Detail ID:	934395434
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.00
Test Level UOM:	ft

Pump Test Detail ID:	934664716
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.00
Test Level UOM:	ft

Pump Test Detail ID:	934903895
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.00
Test Level UOM:	ft

Water Details

Water ID:	933491323
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	270.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID:	1530387	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/1/1998
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	194587	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051922	***Spatial Status:***	
DP2BR:	0	***Cluster Kind:***	
Code OB:	h	***UTMRC:***	9
Code OB Desc:	Mixed in a Layer	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/8/1998
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075339
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL

Mat2:	26
Other Materials:	ROCK
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	5.00
Formation End Depth UOM:	ft

Formation ID:	931075340
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	5.00
Formation End Depth:	336.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115531
Layer:	1
Plug From:	6.00
Plug To:	40.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530387
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10600492
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930090530
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930090531
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	336.00
Casing Diameter:	6.00

Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530387
Pump Set At:
Static Level: 82.00
Final Level After Pumping: 336.00
Recommended Pump Depth: 300.00
Pumping Rate: 9.00
Flowing Rate:
Recommended Pump Rate: 8.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934118376
Test Type:
Test Duration: 15
Test Level: 253.00
Test Level UOM: ft

Pump Test Detail ID: 934393364
Test Type:
Test Duration: 30
Test Level: 190.00
Test Level UOM: ft

Pump Test Detail ID: 934662514
Test Type:
Test Duration: 45
Test Level: 150.00
Test Level UOM: ft

Pump Test Detail ID: 934902101
Test Type:
Test Duration: 60
Test Level: 115.00
Test Level UOM: ft

Water Details

Water ID: 933490495
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 190.00
Water Found Depth UOM: ft

Water ID: 933490496
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 250.00
Water Found Depth UOM: ft

Water ID: 933490497
Layer: 3

Kind Code:	1
Kind:	FRESH
Water Found Depth:	290.00
Water Found Depth UOM:	ft

Water ID:	933490498
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	310.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1530280	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/16/1998
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	9999
Casing Material:		***Form Version:***	1
Audit No:	175701	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051815	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	_	***UTMRC:***	9
Code OB Desc:	No formation data	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/21/1998
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933115411
Layer:	1
Plug From:	0.00
Plug To:	75.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530280

Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10600385
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930090290
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	
Casing Diameter:	28.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Water Details

Water ID:	933490347
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	25.00
Water Found Depth UOM:	ft

Site: ***Database:*** ***WWIS***

lot 3 ON

Well ID:	1525011	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/31/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	80368	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046753	***Spatial Status:***	
DP2BR:	103	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/21/1990

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

Overburden and Bedrock Materials Interval

Formation ID:	931059750
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	25.00
Formation End Depth UOM:	ft

Formation ID:	931059751
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	25.00
Formation End Depth:	39.00
Formation End Depth UOM:	ft

Formation ID:	931059752
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	90
Other Materials:	VERY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	39.00
Formation End Depth:	74.00
Formation End Depth UOM:	ft

Formation ID:	931059753
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	74.00
Formation End Depth:	79.00
Formation End Depth UOM:	ft

Formation ID:	931059754

Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 79.00
Formation End Depth: 103.00
Formation End Depth UOM: ft

Formation ID: 931059755
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 103.00
Formation End Depth: 310.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525011
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595323
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081882
Layer: 3

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	310.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525011
Pump Set At:	
Static Level:	68.00
Final Level After Pumping:	105.00
Recommended Pump Depth:	250.00
Pumping Rate:	12.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934110603
Test Type:	Draw Down
Test Duration:	15
Test Level:	105.00
Test Level UOM:	ft

Pump Test Detail ID:	934386010
Test Type:	Draw Down
Test Duration:	30
Test Level:	105.00
Test Level UOM:	ft

Pump Test Detail ID:	934655789
Test Type:	Draw Down
Test Duration:	45
Test Level:	105.00
Test Level UOM:	ft

Pump Test Detail ID:	934904163
Test Type:	Draw Down
Test Duration:	60
Test Level:	105.00
Test Level UOM:	ft

Water Details

Water ID:	933483830
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	185.00
Water Found Depth UOM:	ft

Water ID:	933483831
Layer:	2
Kind Code:	5
Kind:	Not stated

Water Found Depth:	306.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID:	1525008	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/17/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	83374	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046750	***Spatial Status:***	
DP2BR:	0	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/2/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931059734
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	310.00
Formation End Depth UOM:	ft

Formation ID:	931059735
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	15

Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 310.00
Formation End Depth: 317.00
Formation End Depth UOM: ft

Formation ID: 931059736
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 317.00
Formation End Depth: 345.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110997
Layer: 1
Plug From: 0.00
Plug To: 44.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525008
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595320
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081874
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081875
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 345.00

Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525008
Pump Set At:	
Static Level:	50.00
Final Level After Pumping:	342.00
Recommended Pump Depth:	340.00
Pumping Rate:	2.00
Flowing Rate:	
Recommended Pump Rate:	3.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934110600
Test Type:	
Test Duration:	15
Test Level:	250.00
Test Level UOM:	ft
Pump Test Detail ID:	934386007
Test Type:	
Test Duration:	30
Test Level:	300.00
Test Level UOM:	ft
Pump Test Detail ID:	934655786
Test Type:	
Test Duration:	45
Test Level:	342.00
Test Level UOM:	ft
Pump Test Detail ID:	934904160
Test Type:	
Test Duration:	60
Test Level:	342.00
Test Level UOM:	ft

Water Details

Water ID:	933483826
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.00
Water Found Depth UOM:	ft
Water ID:	933483827
Layer:	2
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	340.00
Water Found Depth UOM:	ft

Well ID:	1530014	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/4/1998
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1414
Casing Material:		**Form Version:**	1
Audit No:	178981	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051549	**Spatial Status:**	
DP2BR:	183	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	9
Code OB Desc:	Bedrock	**UTMRC Desc:**	unknown UTM
Open Hole:		**Location Method:**	na
Elevation:		**Org CS:**	
Elevrc:		**Date Completed:**	4/29/1998
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931074202
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Other Materials:	DENSE
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	25.00
Formation End Depth UOM:	ft

Formation ID:	931074203
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	

Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 105.00
Formation End Depth UOM: ft

Formation ID: 931074204
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 105.00
Formation End Depth: 160.00
Formation End Depth UOM: ft

Formation ID: 931074205
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 160.00
Formation End Depth: 183.00
Formation End Depth UOM: ft

Formation ID: 931074206
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 17
Other Materials: SHALE
Formation Top Depth: 183.00
Formation End Depth: 228.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115130
Layer: 1
Plug From: 0.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530014
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600119
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089806
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 25.00
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930089807
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 183.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930089808
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 228.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530014
Pump Set At:
Static Level: 105.00
Final Level After Pumping: 228.00
Recommended Pump Depth: 210.00
Pumping Rate: 5.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934117230
Test Type: Recovery
Test Duration: 15
Test Level: 200.00
Test Level UOM: ft

Pump Test Detail ID: 934392208
Test Type: Recovery

Test Duration:	30
Test Level:	180.00
Test Level UOM:	ft

Pump Test Detail ID:	934661366
Test Type:	Recovery
Test Duration:	45
Test Level:	160.00
Test Level UOM:	ft

Pump Test Detail ID:	934909905
Test Type:	Recovery
Test Duration:	60
Test Level:	140.00
Test Level UOM:	ft

Water Details

Water ID:	933490025
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	220.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1528093	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/25/1994
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	139591	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10049633	***Spatial Status:***	
DP2BR:	0	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/15/1994
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068557
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Other Materials:	ROCK
Mat3:	17
Other Materials:	SHALE
Formation Top Depth:	0.00
Formation End Depth:	12.00
Formation End Depth UOM:	ft

Formation ID:	931068558
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Other Materials:	ROCK
Mat3:	
Other Materials:	
Formation Top Depth:	12.00
Formation End Depth:	280.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933112967
Layer:	1
Plug From:	6.00
Plug To:	40.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528093
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10598203
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930086729
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528093
Pump Set At:
Static Level: 50.00
Final Level After Pumping: 280.00
Recommended Pump Depth: 270.00
Pumping Rate: 2.00
Flowing Rate:
Recommended Pump Rate: 2.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934112358
Test Type: Draw Down
Test Duration: 15
Test Level: 180.00
Test Level UOM: ft

Pump Test Detail ID: 934387167
Test Type: Draw Down
Test Duration: 30
Test Level: 280.00
Test Level UOM: ft

Pump Test Detail ID: 934656495
Test Type: Draw Down
Test Duration: 45
Test Level: 280.00
Test Level UOM: ft

Pump Test Detail ID: 934904866
Test Type: Draw Down
Test Duration: 60
Test Level: 280.00
Test Level UOM: ft

Water Details

Water ID: 933487680
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1526661
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:

Data Entry Status:
Data Src: 1
Date Received: 11/13/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 2351
Form Version: 1

Audit No:	116360	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048352	***Spatial Status:***	
DP2BR:	23	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/4/1992
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064793
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	23.00
Formation End Depth UOM:	ft

Formation ID:	931064794
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23.00
Formation End Depth:	32.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111878

Layer:	1
Plug From:	0.00
Plug To:	22.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961526661
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10596922
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930084651
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	23.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991526661
Pump Set At:	
Static Level:	9.00
Final Level After Pumping:	27.00
Recommended Pump Depth:	30.00
Pumping Rate:	5.00
Flowing Rate:	
Recommended Pump Rate:	4.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934108412
Test Type:	Draw Down
Test Duration:	15
Test Level:	14.00
Test Level UOM:	ft

Pump Test Detail ID:	934392046
Test Type:	Draw Down
Test Duration:	30
Test Level:	26.00
Test Level UOM:	ft

Pump Test Detail ID:	934652559
Test Type:	Draw Down
Test Duration:	45
Test Level:	27.00
Test Level UOM:	ft

Pump Test Detail ID:	934909754
Test Type:	Draw Down
Test Duration:	60
Test Level:	27.00
Test Level UOM:	ft

Water Details

Water ID:	933486039
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	29.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID:	1526513	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/24/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	116381	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048214	***Spatial Status:***	
DP2BR:	59	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/21/1992
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064385

Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 9.00
Formation End Depth UOM: ft

Formation ID: 931064386
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 9.00
Formation End Depth: 41.00
Formation End Depth UOM: ft

Formation ID: 931064387
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 41.00
Formation End Depth: 59.00
Formation End Depth UOM: ft

Formation ID: 931064388
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 59.00
Formation End Depth: 70.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111758
Layer: 1
Plug From: 2.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526513
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596784
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084423
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526513
Pump Set At:
Static Level: 9.00
Final Level After Pumping: 61.00
Recommended Pump Depth: 65.00
Pumping Rate: 4.00
Flowing Rate:
Recommended Pump Rate: 65.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934107890
Test Type:
Test Duration: 15
Test Level: 51.00
Test Level UOM: ft

Pump Test Detail ID: 934391522
Test Type:
Test Duration: 30
Test Level: 55.00
Test Level UOM: ft

Pump Test Detail ID: 934652040
Test Type:
Test Duration: 45
Test Level: 61.00
Test Level UOM: ft

Pump Test Detail ID: 934909237
Test Type:

Test Duration:	60
Test Level:	61.00
Test Level UOM:	ft

Water Details

Water ID:	933485856
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	59.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1525342	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/4/1991
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	67190	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047080	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	11/20/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931060832
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931060833
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 19.00
Formation End Depth UOM: ft

Formation ID: 931060834
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 19.00
Formation End Depth: 34.00
Formation End Depth UOM: ft

Formation ID: 931060835
Layer: 4
Color: 8
General Color: BLACK
Mat1: 14
Most Common Material: HARDPAN
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 34.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Formation ID: 931060836
Layer: 5
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 31
Other Materials: COARSE GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 60.00
Formation End Depth: 69.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111157
Layer: 1
Plug From: 2.00
Plug To: 25.00

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525342
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595650
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082426
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 68.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525342
Pump Set At:
Static Level: 29.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 65.00
Pumping Rate: 6.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 45
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934112173
Test Type: Draw Down
Test Duration: 15
Test Level: 51.00
Test Level UOM: ft

Pump Test Detail ID: 934387578
Test Type: Draw Down
Test Duration: 30
Test Level: 58.00
Test Level UOM: ft

Pump Test Detail ID: 934648121
Test Type: Draw Down
Test Duration: 45

Test Level:	60.00
Test Level UOM:	ft

Pump Test Detail ID:	934905300
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.00
Test Level UOM:	ft

Water Details

Water ID:	933484307
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69.00
Water Found Depth UOM:	ft

Site:
lot 4 ON

Database:
WWIS

Well ID:	1522420	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/4/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	05926	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044232	***Spatial Status:***	
DP2BR:	74	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	5/31/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931051373
Layer:	1
Color:	2
General Color:	GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 20.00
Formation End Depth UOM: ft

Formation ID: 931051374
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Formation ID: 931051375
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 60.00
Formation End Depth: 74.00
Formation End Depth UOM: ft

Formation ID: 931051376
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 74.00
Formation End Depth: 95.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109886
Layer: 1
Plug From: 0.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522420
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10592802
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930077360
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	79.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991522420
Pump Set At:	
Static Level:	10.00
Final Level After Pumping:	15.00
Recommended Pump Depth:	
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	18.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934109924
Test Type:	
Test Duration:	15
Test Level:	13.00
Test Level UOM:	ft

Pump Test Detail ID:	934385209
Test Type:	
Test Duration:	30
Test Level:	15.00
Test Level UOM:	ft

Pump Test Detail ID:	934655152
Test Type:	
Test Duration:	45
Test Level:	15.00
Test Level UOM:	ft

Pump Test Detail ID:	934903979
Test Type:	
Test Duration:	60
Test Level:	15.00
Test Level UOM:	ft

Water Details

Water ID:	933480311
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID:	1524826	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/17/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	56399	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046572	***Spatial Status:***	
DP2BR:	37	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	1/9/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931059225
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	28.00

Formation End Depth UOM: ft

Formation ID: 931059226
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 28.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931059227
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524826
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595142
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991524826
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	40.00
Recommended Pump Depth:	40.00
Pumping Rate:	25.00
Flowing Rate:	
Recommended Pump Rate:	15.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934110008
Test Type:	
Test Duration:	15
Test Level:	40.00
Test Level UOM:	ft
Pump Test Detail ID:	934385417
Test Type:	
Test Duration:	30
Test Level:	40.00
Test Level UOM:	ft
Pump Test Detail ID:	934655195
Test Type:	
Test Duration:	45
Test Level:	40.00
Test Level UOM:	ft
Pump Test Detail ID:	934903572
Test Type:	
Test Duration:	60
Test Level:	40.00
Test Level UOM:	ft

Water Details

Water ID:	933483584
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1524660	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/6/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	74608	***Owner:***	

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046408	***Spatial Status:***	
DP2BR:	17	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/18/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931058673
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	00
Other Materials:	UNKNOWN TYPE
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft

Formation ID:	931058674
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	2.00
Formation End Depth:	17.00
Formation End Depth UOM:	ft

Formation ID:	931058675
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE

Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	17.00
Formation End Depth:	185.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933110878
Layer:	1
Plug From:	6.00
Plug To:	22.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961524660
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10594978
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930081251
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991524660
Pump Set At:	
Static Level:	4.00
Final Level After Pumping:	105.00
Recommended Pump Depth:	170.00
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934109434
Test Type:	Draw Down
Test Duration:	15
Test Level:	38.00
Test Level UOM:	ft

Pump Test Detail ID:	934384847
Test Type:	Draw Down
Test Duration:	30
Test Level:	72.00
Test Level UOM:	ft

Pump Test Detail ID:	934654625
Test Type:	Draw Down
Test Duration:	45
Test Level:	105.00
Test Level UOM:	ft

Pump Test Detail ID:	934903005
Test Type:	Draw Down
Test Duration:	60
Test Level:	105.00
Test Level UOM:	ft

Water Details

Water ID:	933483354
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	86.00
Water Found Depth UOM:	ft

Water ID:	933483355
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.00
Water Found Depth UOM:	ft

Water ID:	933483356
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170.00
Water Found Depth UOM:	ft

Site: ***Database:***
lot 3 ON ***WWIS***

Well ID:	1524275	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/2/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	68248	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046047
DP2BR: 5
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 11/15/1989

Overburden and Bedrock Materials Interval

Formation ID: 931057406
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 05
Other Materials: CLAY
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931057407
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 265.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110647
Layer: 1
Plug From: 16.00
Plug To: 44.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524275
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594617
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080640
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524275
Pump Set At:
Static Level: 155.00
Final Level After Pumping: 195.00
Recommended Pump Depth: 260.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
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: N

Draw Down & Recovery

Pump Test Detail ID: 934108271
Test Type: Draw Down
Test Duration: 15
Test Level: 195.00
Test Level UOM: ft

Water Details

Water ID: 933482862
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 165.00
Water Found Depth UOM: ft

Water ID: 933482863
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.00

Water Found Depth UOM:	ft

Water ID:	933482864
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	260.00
Water Found Depth UOM:	ft

Site:
lot 3 ON

Database:
WWIS

Well ID:	1523280	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/23/1989
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	003
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045055	***Spatial Status:***	
DP2BR:	49	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	12/2/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931054042
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID: 931054043
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Formation ID: 931054044
Layer: 3
Color: 8
General Color: BLACK
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 30.00
Formation End Depth: 49.00
Formation End Depth UOM: ft

Formation ID: 931054045
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49.00
Formation End Depth: 62.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110206
Layer: 1
Plug From: 2.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523280
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593625
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930078819
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	49.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523280
Pump Set At:	
Static Level:	2.00
Final Level After Pumping:	48.00
Recommended Pump Depth:	55.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934104402
Test Type:	
Test Duration:	15
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934388634
Test Type:	
Test Duration:	30
Test Level:	38.00
Test Level UOM:	ft

Pump Test Detail ID:	934649617
Test Type:	
Test Duration:	45
Test Level:	45.00
Test Level UOM:	ft

Pump Test Detail ID:	934906818
Test Type:	
Test Duration:	60
Test Level:	48.00
Test Level UOM:	ft

Water Details

Water ID:	933481464
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.00

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

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2017

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-Nov 2016

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

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-Jan 31, 2018

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Feb 28, 2017

Chemical Register: 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, 2018

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 31, 2012

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-Nov 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Oct 2017

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-Nov 30, 2017

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-Oct 2017

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-Oct 2017

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-Oct 2017

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-Aug 2016

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: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

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.

Government Publication Date: Jun 2000-Dec 2017

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 2017

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Feb 28, 2017

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-December 31, 2017

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 2015

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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*

TSSA Incidents: Provincial INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

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 2017

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, 2014

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-Aug 2010

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 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-Dec 31, 2017

National Energy Board Wells: Federal NEBW

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: 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.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGW

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-December 31, 2017

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-Oct 2017

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 all 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-Oct 2017

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

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: 1988-Aug 2017

TSSA Pipeline Incidents: Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Oct 2017

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: 1986-2016

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).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2017

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-Jan 31, 2018

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

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

Government Publication Date: 1988-Sep 2017

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2016

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-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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.

Government Publication Date: Feb 28, 2017

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 31, 2017

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: Mar 31, 2017

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 D

City Directory Records

ENVIRONMENTAL RISK INFORMATION SERVICE

Head Office: 80 Valleybrook Dr, Toronto, ON M3B 2S9
Physical Address: 38 Lesmill Rd, Toronto, ON M3B 2T5
Phone: 416-510-5204 • Fax: 416-510-5133
info@erisinfo.com • www.erisinfo.com

City Directory Information Source
Vernon's Ottawa, Ontario City Directory

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 2011	
Site Listing:	2405-Res (2 Tenants)
Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Eric Lemire Enterprises Inc. -Res (1 Tenant)
2388 Mer Bleue Road	-Done Right Contracting
2390 Mer Bleue Road	-Res (1 Tenant)

2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 2006-07	
Site Listing:	2405-Res (2 Tenants)
Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Res (1 Tenant)
2388 Mer Bleue Road	-Res (1 Tenant)
2390 Mer Bleue Road	-Address Not Listed

2431 Mer Bleue Road	-Res (1 Tenant)
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 2001-02	
Site Listing:	2405-Res (1 Tenant) 2419-Res (1 Tenant)
Adjacent Properties:	
2374 Mer Bleue Road	-Res (1 Tenant)
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Res (1 Tenant)

2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Res (1 Tenant)
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1996-97	
Site Listing:	2405-Res (4 Tenants) 2419-Res (1 Tenant)
Adjacent Properties:	
2374 Mer Bleue Road	-Res (1 Tenant)
2382 Mer Bleue Road	-Res (1 Tenants)

2388 Mer Bleue Road	-Res (1 Tenant)
2390 Mer Bleue Road	-Res (1 Tenant)
2431 Mer Bleue Road	-Res (4 Tenants)
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1992	
Site Listing:	2405-Res (1 Tenant)
Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed

2382 Mer Bleue Road	-Res (1 Tenants)
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Res (1 Tenant)
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1987	
Site Listing:	-Street Not Listed
Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed

2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1981-82	
Site Listing:	-Street Not Listed
Adjacent Properties:	

2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1976	
Site Listing:	-Street Not Listed
Adjacent Properties:	

2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1971	
Site Listing:	-Street Not Listed

Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1966	
Site Listing:	-Street Not Listed

Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

PROJECT NUMBER: 20180208075	
Site Address:	2401-2419 Mer Bleue Road, Ottawa, Ontario
Year: 1961	

Site Listing:	-Street Not Listed
Adjacent Properties:	
2374 Mer Bleue Road	-Address Not Listed
2382 Mer Bleue Road	-Address Not Listed
2388 Mer Bleue Road	-Address Not Listed
2390 Mer Bleue Road	-Address Not Listed
2431 Mer Bleue Road	-Address Not Listed
2564 Tenth Line Road	-Address Not Listed
329 Willow Aster Circle	-Address Not Listed
339 Willow Aster Circle	-Address Not Listed
359 Willow Aster Circle	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory

APPENDIX E

Technical Standards and Safety Authority Search Results

Nicole Soucy

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Monday, April 2, 2018 11:20 AM
To: Nicole Soucy
Subject: RE: TSSA Search 62721.07 Rockcliffe

Good morning Nicole. Thank you for your request for confirmation of public information.

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

For a further search in our archives please complete the Release of Public Information form, found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and send to TSSA along with a fee of $56.50 (including HST) per address. The fee is payable with credit card (Visa or MasterCard) or with a cheque made payable to TSSA.

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

Kind regards,

Jan

From: Nicole Soucy <nicole.soucy@gemtec.ca>
Sent: February 23, 2018 4:21 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Search 62721.07 Rockcliffe

Hello,

Please perform a search for the following addresses:

- 2374, 2382, 2388, 2390, 2431,2405 Mer Bleue Road
- 2564 Tenth Line Road
- 329, 339, 359 Willow Aster Circle

In Ottawa, Ontario.

Thanks,

Nicole

GEMTEC Consulting Engineers and Scientists

Nicole Soucy, B.A.Sc., M.A.Sc.
Junior Environmental Scientist
Ottawa, ON
tel: 613.836.1422 x265 / toll-free: 1.877.243.6832
mobile: 613.929.5630 / fax: 613.836.9731

APPENDIX F

City of Ottawa Historical Land Use Inventory

Oh File Number: D06-03-17-0166

Date: March 22, 2018

Nicole Soucy
Gemtec Consulting Engineers and Scientist Limited
32 Steacie Drive
Ottawa, ON

Sent via email [nicole.soucy@gemtec.ca]

Dear Ms. Soucy,

Re: Information Request
2405 & 2419 Mer-Bleue, Ottawa, Ontario ("Subject Property")

Internal Department Circulation

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

- Solid Waste Services: The Subject Property is located within 2 kilometers from WSI Landfill.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are three (3) activities associated with properties located within 50m of the Subject Property: Activity Numbers 10138, 8415 and 13778.

City of Ottawa
Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 14743
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 14743
Téléc: (613) 560-6006
www.ottawa.ca

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above. Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

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

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property.

You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Justin Marr at 613-580-2424 ext. 14743 or HLUI@ottawa.ca

Sincerely,

Justin Marr

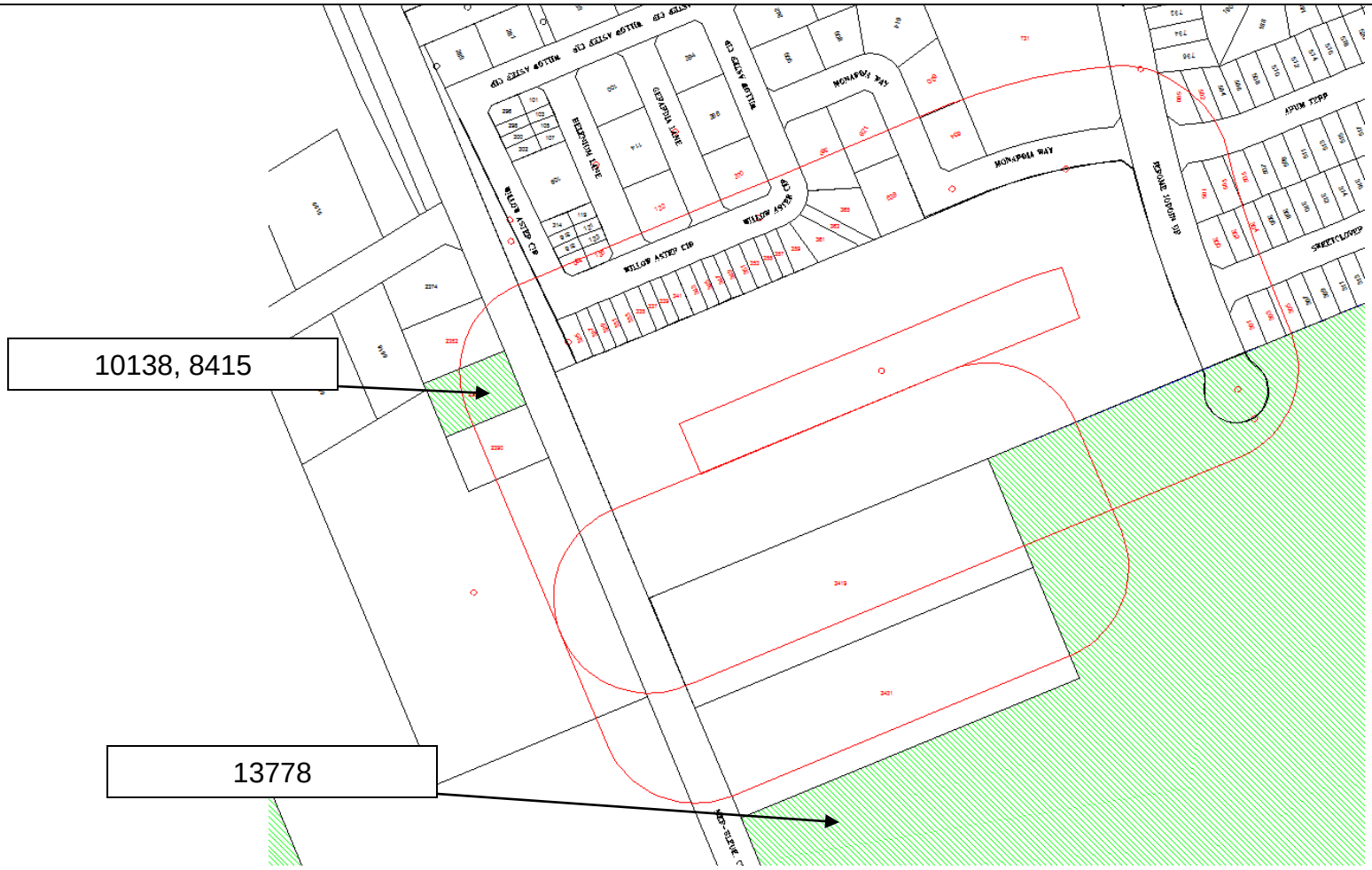
Per:

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

MB/ JM

Attach: 3

cc: File no. D06-03-17-0166



Scale 1: n/a

2405 2419 Mer-Bleue Road
Ottawa, ON
File # D06-03-17-0166
Justin Marr

Ottawa

Overview

ID# = Activity Identification Number

= Subject Site

CITY OF OTTAWA

HLUI ID: __670HTU

AREA (Square Metres): 406718.927

Report: RPTC_OT_DEV0122

Run On: 05 Mar 2018 at: 11:42:40

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	145250124	Y	N

Activity ID: 13778

Multiple PINS: Y

PIN Certainty: 1

Previous Activity ID(s) : 6386, 4126

Related PINS: 145250124

Name: UNNAMED AUTO WRECKER/JUNK YARD

Address: , CUMBERLAND

Facility Type: Waste Materials, Wholesale

Comments 1: UTM = 461500E, 5031100N (1975) Area is 100m x 150m 500m NW of Notre Dame des Champs

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa, Sheet #14, 1948-DND-ASE-NTS-31G/5, 1949-52-DND-ASE-NTS-31G/6W-2nd ed.; 1965-EMR-SMB-NTS-31G/6W-3rd ed.; 1967-EMR-SMB-NTS-31G/5-7th ed., 1975-EMR-SMB-NTS-31G/6W-5th ed.; 1983-EMR-SMB-NTS-31G/6-6th ed; 1985-EMR-SMB-NTS-31G/5-11th ed.

HL References 2:

HL References 3:

NAICS	SIC
418190	591
415310	591
418110	591

Company Name	Year of Operation
Unnamed Auto Wrecker/Junk Yard	c. 1967-1985
Unnamed Auto Wrecker/Junk Yard	c. 1975-1983

CITY OF OTTAWA

HLUI ID: __6799D7

AREA (Square Metres): 1392.348

Report: RPTC_OT_DEV0122

Run On: 05 Mar 2018 at: 11:51:36

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	043520051	Y	Y

Activity ID: 10138

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 043520051

Name: P & M AUTO SHOP

Address: 2319 MER BLEUE ROAD,

Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
811111	0

Company Name	Year of Operation
P & M AUTO SHOP	c. 2005
P & M AUTO SHOP	c. 2001

CITY OF OTTAWA

HLUI ID: __6799D7

AREA (Square Metres): 1392.348

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	043520051	Y	Y

Activity ID: 8415 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 043520051

Name: LECLAIR C ELECTRIC

Address: 2388 MER BLEUE ROAD, ORLEANS

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
238210	0

Company Name	Year of Operation
LECLAIR C ELECTRIC	c. 2001

APPENDIX G

Aerial Photographs

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

1945 AERIAL PHOTOGRAPH

Project	Project No.	
PHASE ONE ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	62721.07	**FIGURE G1**

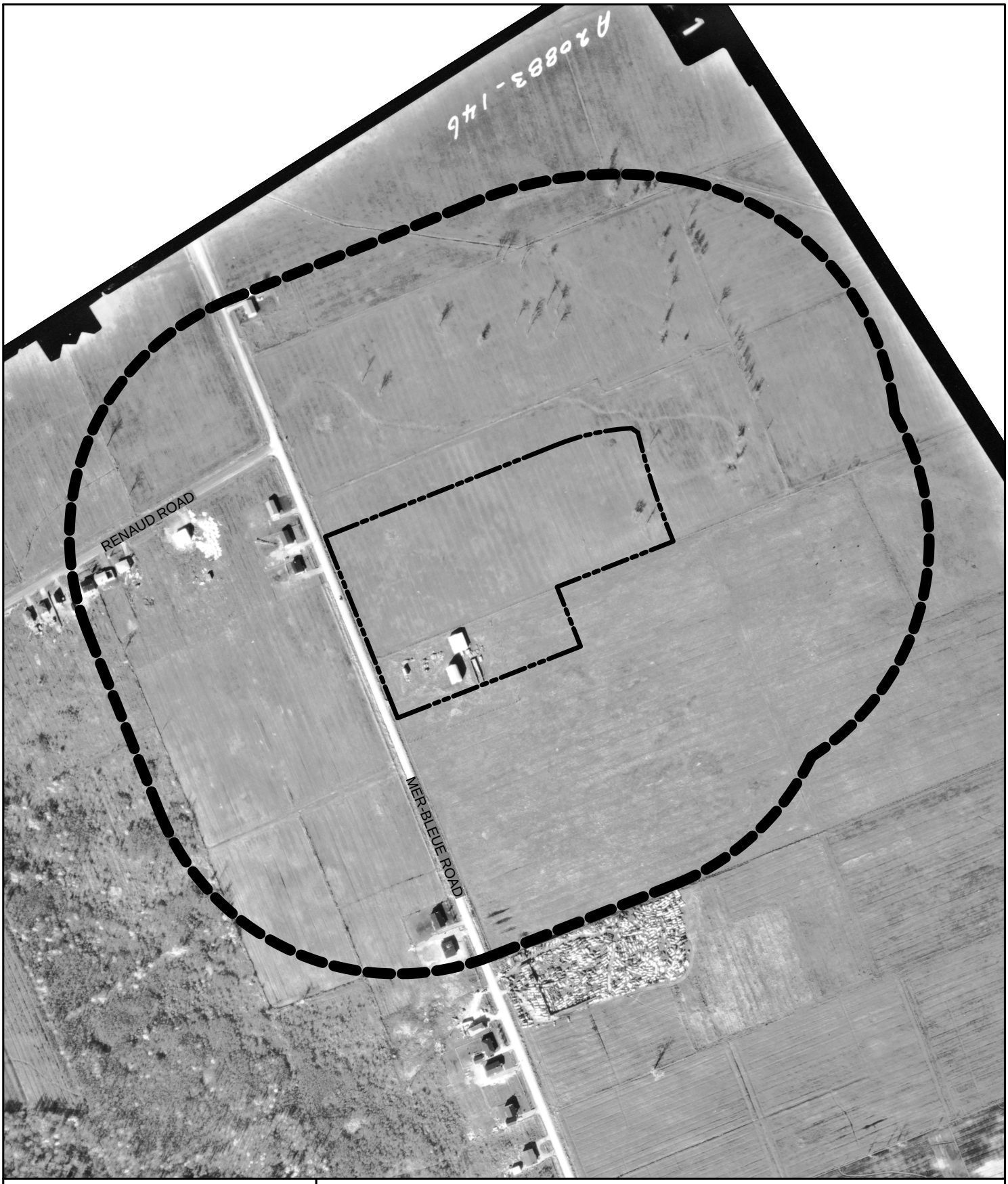
P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_Aerials_FG(G1-G9)_2018-05-29.dwg

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

1958 AERIAL PHOTOGRAPH

Project	PHASE ONE ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	Project No. 62721.07	**FIGURE G2**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_Aerials_FG(G1-G9)_2018-05-29.dwg

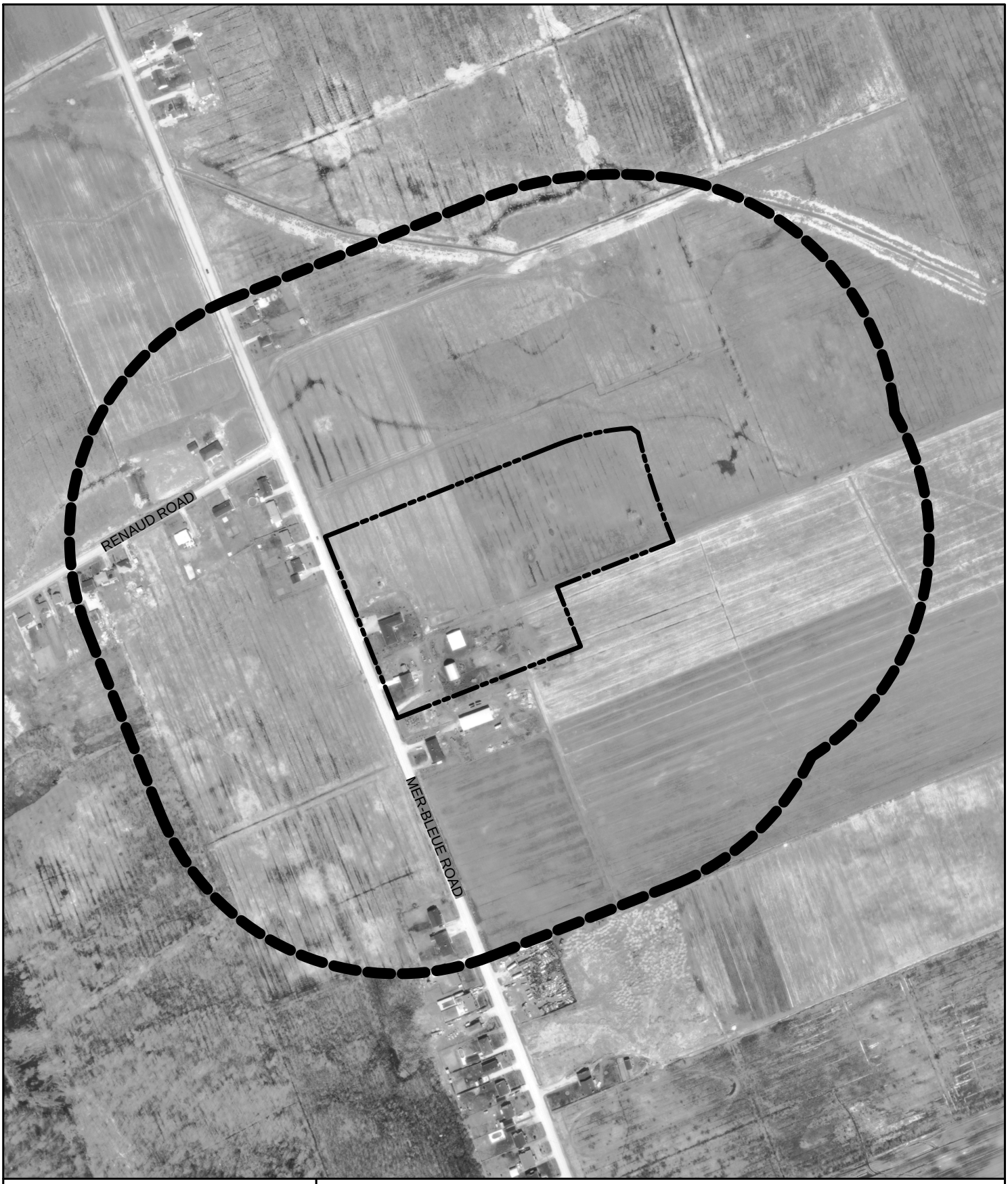


GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

1968 AERIAL PHOTOGRAPH

Project	PHASE ONE ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	Project No. 62721.07	**FIGURE G3**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_Aerials_FG(G1-G9)_2018-05-29.dwg



GEMTEC
Consulting Engineers and Scientists

32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

1983 AERIAL PHOTOGRAPH

Project	PHASE ONE ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	Project No. 62721.07	**FIGURE G4**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_Aerials_FG(G1-G9)_2018-05-29.dwg

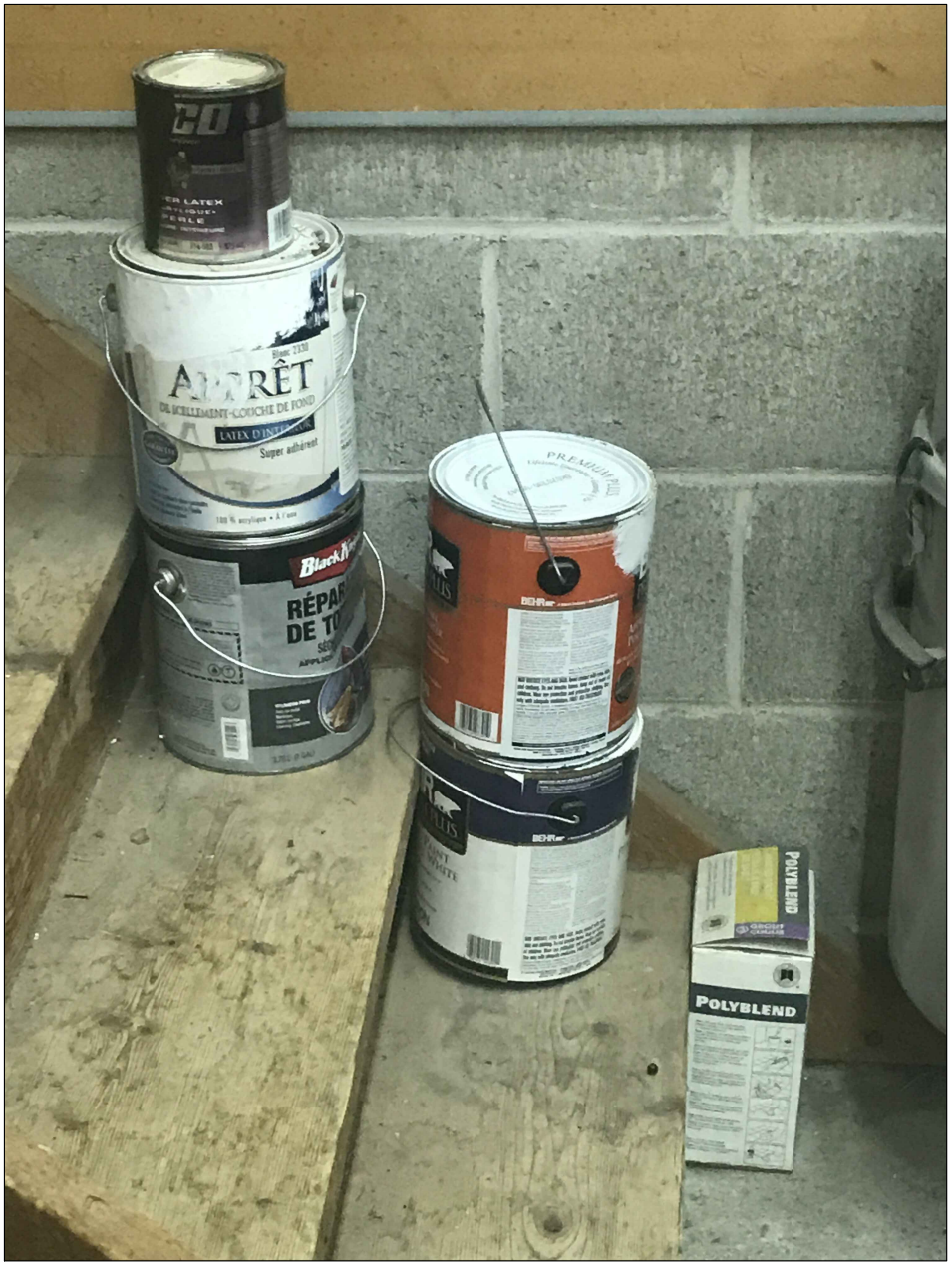
APPENDIX H

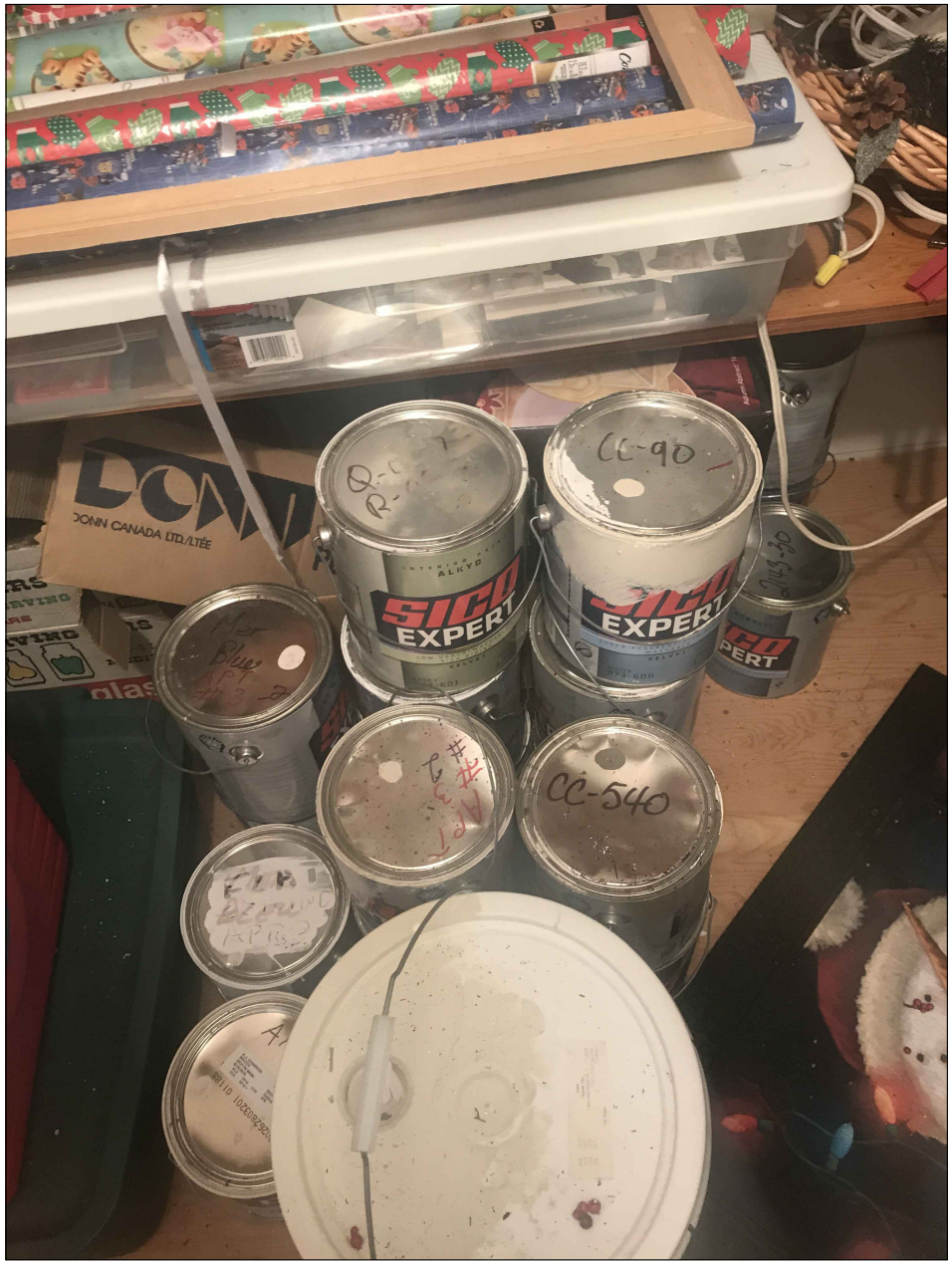
Site Photographs

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

Project	Drwn By	Chkd By	Date	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	S.L.	N.S.	MAY 2018	SITE PHOTO CLEANING SUPPLIES FOUND AT THE SUBJECT PROPERTY
	File No. 62721.07	Revision No. 0	**FIGURE H1**	

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

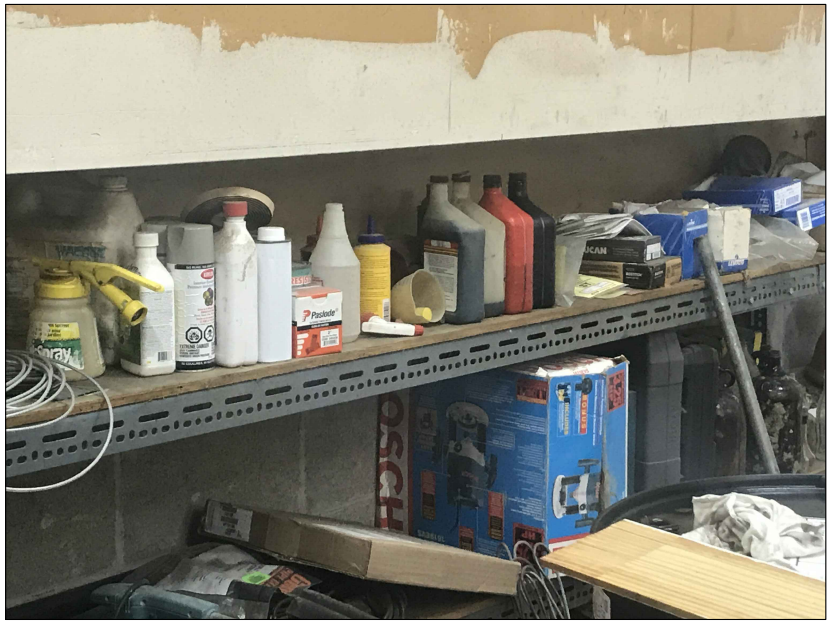




GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

Project	Drwn By	Chkd By	Date	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	S.L.	N.S.	MAY 2018	SITE PHOTO PAINTS STORED ON THE SUBJECT PROPERTY
	File No. 62721.07	Revision No. 0	**FIGURE H2**	

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg



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

Project	Drwn By	Chkd By	Date	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	S.L.	N.S.	MAY 2018	SITE PHOTO OILS, GASSES AND OTHER SUPPLIES STORED IN THEGARAGE AT 2405 MER BLEUE AND THE BARN AT 2419 MER BLEUE ROAD
	File No. 62721.07	Revision No. 0	**FIGURE H3**	

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

GEMTEC
Consulting Engineers and Scientists

32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

Project	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	SITE PHOTO COMPRESSED GAS USED FOR WELDING IN THE SHOP AT 2419 MER BLEUE ROAD

Drwn By	Chkd By	Date	Project No.	Revision No.	
S.L.	N.S.	MAY 2018	62421.07	0	**FIGURE H4**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

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

Project	Drwn By	Chkd By	Date	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	S.L.	N.S.	MAY 2018	SITE PHOTO FRENCH DRAIN IN THE SHOP AT 2419 MER BLEUE ROAD
	File No. 62721.07	Revision No. 0	**FIGURE H5**	

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

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

Project	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	SITE PHOTO ABOVEGROUND STORAGE TANKS AT 2419 AND 2405 MER BLEUE ROAD

Drwn By	Chkd By	Date	Project No.	Revision No.	
S.L.	N.S.	MAY 2018	62421.07	0	**FIGURE H6**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

GEMTEC
Consulting Engineers and Scientists

32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

Project	Drawing
PHASE II ESA MER-BLEUE SCHOOL 2401 & 2419 MER-BLEUE ROAD OTTAWA, ONTARIO	SITE PHOTO UTILTIES IDENTIFED IN THE STUDY AREA

Drwn By	Chkd By	Date	Project No.	Revision No.	
S.L.	N.S.	MAY 2018	62421.07	0	**FIGURE H7**

P:\0. Files\62700\62721.07\ESA\Mer Bleue\Drafting\1.Drawing\62721.07_SitePhoto_FG(H1-H7)_2018-05-29.dwg

experience • knowledge • integrity

civil	civil
geotechnical	géotechnique
environmental	environnementale
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

expérience • connaissance • intégrité