Phase I
Environmental Site Assessment

5254 Bank Street
Ottawa, Ontario

Prepared for:

Holzman Consultants Inc.
203-311 Richmond Road
Ottawa, Ontario
K1Z 6X3

Attention: Jonah Bonn

LRL File No.: 190271.01

November 22, 2019

EXECUTIVE SUMMARY

Holzman Consultants Inc. has retained LRL Associates Ltd. (LRL) to complete a Phase I Environmental Site Assessment (ESA) on 5254 Bank Street, Ottawa, Ontario (herein referred to as the "Site"). The Site is set within a rural residential/commercial/industrial area of Ottawa and is developed with a residence. This assessment was conducted to identify potential environmental concerns or liabilities related to the past and present operations conducted on the property and the adjacent lands. A historical records review of the Site was conducted, as well as contact with relevant regulatory agencies, a walk-through Site inspection of the property and interviews with those knowledgeable of the Site. This assessment was conducted in the context of property rezoning and redevelopment.

The Site is rectangular shaped with an approximate area of 1,740 m^2 (0.43 acres). The Site is developed with a residence estimated to have been constructed in at least 1965. The residence is serviced by municipal water and is heated by natural gas. Sewage is disposed via private septic system.

A series of man-made quarry lakes are situated west, south and east of the Site, the nearest of which is approximately 520 m to the west. The Rideau River is located approximately 9 km to the west. The Site generally slopes toward the west.

The activities on the Site and lands within 250 m are residential, commercial (auto repair garage, auto sales lot, lumber yard) and industrial (quarries).

Under the Freedom of Information Act, a Freedom of Information Request was made to the MECP. A thorough search through the Ministry's Ottawa District Offices' files was conducted and no records were located.

TSSA was contacted regarding available information concerning the presence of petroleum storage tanks, fuel spill records, accidents or fuel-related incidents which may be registered on the Site or surrounding properties. The TSSA has indicated that there are no records of above/underground storage tanks on the Site or adjacent properties.

Three (3) records of spills were identified within 250 m of the Site as follows:

- Two (2) spills occurred at 5217 Bank Street, approximately 120 m north of the Site. In August 1995, an unknown quantity of "operating fluids" was being intentionally dumped onto the ground and in the ditch. Soil contamination was confirmed. This spill presents a moderate environmental risk. In December 1995, equipment failure caused 136 L of fuel oil to spill to the garage floor of the RV repair shop. The spill was reportedly contained, and environmental impact was not anticipated. This spill presents a low environmental risk due to the containment of the spill and its distance from the Site; and
- One (1) spill was reported in 2009 at 5227 Bank Street, approximately 50 m northeast of the Site. An unknown quantity of furnace oil had leaked into the basement of the residence. Soil contamination was deemed possible. The risk for environmental concern is low to moderate due to the distance from the Site and the inferred direction of groundwater flow toward the west.

The following twenty-three (23) records of waste generators were identified within 250 m of the Site:

- Two (2) records identify Abloom Landscape Contractor Inc., located at 5224 Bank Street, as a generator of petroleum distillates and waste oils and lubricants between 2002 and 2005. Eleven (11) records identify Grandor Lumber Inc., located at the same address, as a generator of aromatic solvents, aliphatic solvents, petroleum distillates and waste oils and lubricants between 2007 and July 2019. The property is located immediately north of the Site. These waste generators present a moderate risk for environmental concern due to their proximity to the Site;
- Three (3) records identify Barry Daly, a wooden household furniture manufacturing operation located at 5315 Bank Street, as a generator of paint/pigment/coating residues between 2006 and 2010. The property is located approximately 245 m southeast of the Site. This waste generator presents a low risk for environmental concern due to its distance from the Site; and
- Seven (7) records identify Wallace Service Centre, an automotive repair facility located at 5217 Bank Street, as a generator of light fuels, oil skimmings and sludges, and waste oils and lubricants between 2002 and December 2018. The property is located approximately 120 m north of the Site. This generator presents a low to moderate risk for environmental concern due to its distance from the Site and the nature of the wastes produced.

There are no records of a waste disposal site, coal tar industrial site, PCB storage site or waste receivers within a 250 m radius.

A potentially contaminating activity is a use or activity set out in Table 2 of Schedule D of the O. Reg. 153/04. The activities on the Site and lands within 250 m generally consist of residential, recreational, commercial and industrial.

Based on the results of the Phase I Environmental Site Assessment the following areas of potential environmental concern were identified:

PEC	Location	Comments	Contaminants of Potential Concern	Media Potentially Impacted	Level of Risk
Heating oil tanks	On-Site	An AST was observed in a shed during the Site visit. An AST was formerly located in basement of the residence.	PHC, BTEX	Soil and groundwater	Low to Moderate
Stained material	On-Site	Dark stained wood flooring material was observed in the shed.	PHC, BTEX	Soil and groundwater	Low to Moderate
Lumber Yard	North adjacent	A lumber yard is operating on the adjacent property to the north. The property was listed as a waste generator of aromatic solvents, aliphatic solvents, petroleum distillates and waste oils and lubricants.	PHC, VOC, PAH, metals	Soil and groundwater	Moderate
Auto garage	5217 Bank Street, approximately 120 m north of the Site.	An automobile service garage is present. Records of intentional dumping to the ditch and a 136 L spill of fuel-oil to the garage floor were reported at this property.	PHC, VOC, metals	Soil and groundwater	Moderate
Spill	5227 Bank Street, approximately 50 m northeast of the Site.	An unknown quantity of furnace oil had leaked into the basement of the residence. Soil contamination was deemed possible.	PHC, BTEX	Soil and groundwater	Moderate

Notes: PEC – Potential Environmental Concern
VOC – Volatile Organic Compounds
PHC – Petroleum Hydrocarbons
PAH – Polycyclic Aromatic Hydrocarbons

Risk levels: Low – Unlikely potential for environmental impacts
Moderate – Some potential for environmental impacts
High – Definite potential for environmental impacts

Based on the findings of the Phase I ESA, it is recommended that a Phase II ESA be conducted on the Site to confirm the impacts of the potential environmental concerns identified.

Due to the estimated age of the building (circa 1965) there may be the presence of designated substances such as asbestos containing material (ACM) or lead-based paint. If construction or demolition activities is to occur on the building, it is recommended that sampling be performed to determine whether the presence of special attention items such as ACM are present so they can be addressed accordingly to ensure that the contractors or building occupants do not come into contact with these materials.

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1 INTRODUCTION

Holzman Consultants Inc. retained LRL Associates Ltd. (LRL) to complete a Phase I Environmental Site Assessment (ESA) at 5254 Bank Street, Ottawa, Ontario (herein referred to as the "Site"). The Site is set within a rural residential/commercial/industrial area of Ottawa and is developed with a residence. This assessment was conducted to identify potential environmental concerns or liabilities related to the past and present operations conducted on the property and the adjacent lands. The assessment included a review of the history of the Site, contact with relevant regulatory agencies, a limited walk-through Site inspection of the property and interviews with those knowledgeable of the Site. This assessment was conducted in the context of property rezoning and redevelopment.

The Phase I ESA identifies the existing environmental conditions and potential environmental liabilities associated with the subject property, focusing on the possible presence of contamination on the property. It includes a review of available information (historical data and aerial photographs) and a visual Site inspection to assess potential contamination of past or present activities conducted on the property itself and on adjacent properties.

Potential contamination represents the uncontrolled release of foreign substances within the natural environment. Such an event can result in air, soil and groundwater contamination that may represent environmental liabilities towards the Site and perhaps towards adjacent properties. The ESA evaluates in a consistent manner, within the time constraints imposed for this report, whether such events have occurred at this Site. This level of work is a method of risk reduction and does not eliminate risk for the client.

1.1 Property Information

Address:	5254 Bank Street, Ottawa, Ontario
Frontage:	Bank Street
Zoning:	Rural (RU2)
Legal description:	Part Lot 28, Concession 4RF as in GL76777; Gloucester.
Dimensions:	Rectangular, being approximately 20 m wide (north-south) by approximately 75 m deep
Area:	Approximately 1,740 m^2 (0.43 acres)

The Site's location is shown in **Figure 1** and the general Site configuration is shown on the Site Plan in **Figure 2** Site Plan

. For the purposes of this report, Bank Street will be inferred as running in a north-south direction.

1.2 Site Occupancy

Current owner:	Denzil and Sandra Reaney
Owner since:	1965
Current use:	Residential
Current use since:	1965

2 SCOPE OF INVESTIGATION

LRL conducted this work in accordance to standard Phase I ESA procedures, which generally reflect the requirements of the Canadian Standards Association document entitled Phase I Environmental Site Assessment, Z768-01 (R2016). The scope of work for the Phase I ESA consisted of the following:

- Reviewing reasonably ascertainable records regarding the occupancy of the Site and surrounding properties (i.e. business directories, fire insurance plans and aerial photographs);
- Interviewing current and previous owners and/or tenants and local and provincial authorities;
- Conducting a Site visit that consists of a "walk-through" visual assessment of the Site and adjacent properties (from publicly accessible areas); and
- Evaluation of the information collected.

This report will present the results of the ESA carried out between September 10th and 27th, 2019.

3 RECORDS REVIEW

3.1 General

3.1.1 Phase I Study Area Determination

Study area:	250 m
Rational for extending study area beyond the minimum 250 m	
Not applicable.	

3.1.2 First Developed Use Determination

First developed use is defined by O. Reg. 153/04 Section 22(1) as the first property use after 1875 that resulted in a building or structure or the first potentially contaminating activity, whichever is earlier.

First developed use:	Residential
Year	1965
Basis for determination of first developed use	
Aerial photographs, Chain of Title and interview with owner.	

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIP) mapped streets and buildings of urban Canada in great detail and illustrate building construction, occupancy and potential fire hazards. They also provide detailed information regarding storage tanks, transformers, boilers and electrical rooms. The original plans were produced between 1875 and 1923 and continued to be produced and updated until production ceased in 1974.

No Fire Insurance Plans were found for the Site.

3.1.4 Property Underwriters' Report

Property Underwriters Site Plans and Reports provide detailed information on a site-specific basis and include descriptions of building construction, heating sources, production processes, and the presence of chemicals or materials which may be stored on Site. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers, and storage tanks.

No Property Underwriters' Reports were found for the Site.

3.2 City Directories

City directories have been produced for most urban and some rural areas since the late 1800s. These directories are often archived in research and municipal libraries. The directories are generally not comprehensive and may contain gaps in time periods. Where available, city directories were reviewed in a minimum five-year increment to determine historical property use of the subject and adjoining properties.

A copy of the city directory summary is included in **Appendix A**.

Source	Vernon's Ottawa & Area, ON, Criss Cross City Directory
Years Searched:	1956 – 2011
Historical Property Uses:	
Subject Site:	The Site address was not listed between 1956 and 2002. It was listed as residential from 2006 to 2011.
Adjacent Land:	The adjacent properties were not listed between 1956 and 1997. To the east, properties were listed as residential and a campground from 2001 to 2011. To the north, property was listed as a landscaping contractor and lumber retail property from 2006 to 2011.
Relevant information regarding potentially contaminating activity and areas of potential environmental concern	
A retail lumber property was identified in the vicinity of the Site in the City Directories search. This activity poses a moderate potential risk of environmental impacts.	

3.3 Chain of Title

Land Titles contain legal title information concerning property ownership, transfer details, and any encumbrances such as mortgages or easements. Each time a new transaction occurs, property records are updated as soon as the instrument is registered.

A copy of the Chain of Title is included in **Appendix B**.

Records search provider:	Service Ontario Land Registry Office
Date of search:	September 10, 2019
Pertinent Information:	The Site was transferred to Denzil and Sandra Reaney in 1965.

3.4 Environmental Reports

No previous environmental reports were provided to LRL to review as part of this investigation.

3.5 Environmental Source Information

3.5.1 City of Ottawa Freedom of Information Request

The City of Ottawa was contacted to obtain available information for the Site.

Interview subject:	M. Rick O'Connor, City Clerk
Date:	October 22, 2019
Pertinent information:	
Under the Freedom of Information Act, a Freedom of Information Request was made to the City of Ottawa. A thorough search through the City of Ottawa files was conducted and no records were located.	

3.5.2 Ontario Ministry of Environment, Conservation and Parks Freedom of Information Act

The Ontario Ministry of the Environment, Conservation and Parks (MECP) was contacted under the Freedom of Information Act (FOI) to obtain available information for the Site regarding:

- Certificates of Approvals or any permits relating to air emissions (including noise), water taking and discharging, waste disposal sites, septic systems, pesticides storage or other similar instruments;
- Incidents, orders, offences, spills, discharges of contaminants or inspections;
- Waste management records, including current and historical waste storage locations and waste generator and waste receiver information; and
- Reports submitted to the MECP related to the environmental conditions of the property.

Interview subject:	Janet Dadufalza, Manager, Access and Privacy
Date:	September 25, 2019
Pertinent information:	
Under the Freedom of Information Act, a Freedom of Information Request was made to the MECP. A thorough search through the Ministry's Ottawa District Offices' files was conducted and no records were located.	

3.5.3 Inventory of Coal Tar Industrial Sites in Ontario

The MECP has created an inventory of all known and historical coal gasification plants. It identifies industrial sites that produced and continue to produce or use coal tar or other related tars. The program was discontinued in 1988.

Database:	Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario
Years covered:	Up to 1988
Search radius:	250 m
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.4 Technical Standards and Safety Authority

Fuel storage at commercial and industrial facilities is regulated by the Technical Standards and Safety Authority (TSSA). Records of aboveground storage tanks are maintained for bulk storage facilities only. Underground storage tanks are required to be registered with the TSSA. There are no requirements to register private underground and aboveground fuel oil storage tanks for heating or waste oil. Records of registered and licensed tanks have been maintained since 1990.

Interview subject:	Connie Hill, Public Information Agent
Date:	September 10, 2019
Pertinent information: TSSA was contacted regarding available information concerning the presence of petroleum storage tanks, fuel spill records, accidents or fuel-related incidents which may be registered on the Site or surrounding properties. The TSSA has indicated that there are no records of above/underground storage tanks on the Site or adjacent properties.	

3.5.5 Ministry of Environment, Conservation and Parks Well Records

The Ministry of Environment, Conservation and Parks well records database provides information of locations and characteristics of water wells throughout Canada in accordance with Ontario Regulation 903. Information of the stratigraphy, depth of bedrock and approximate depth of water table is also provided.

Database:	MECP Well Records
Search radius:	250 m
Date accessed:	September 10, 2019

Description of data, analysis and findings relevant to the Phase I ESA:

Approximately nine (9) wells are located within 250 m radius of the Site. Copies of the electronic version of the Ontario Well Records are provided in **Appendix C**. The general subsurface stratigraphy of the soils in the area consists of a variation of clay, till, loam, sand and broken limestone to between 1.5 and 3.7 m below ground surface (bgs), over sandstone and/or limestone bedrock. Details of these wells are as follows:

- Well No. 1502203, a domestic supply well located approximately 80 m north of the Site, was installed in 1956. General soil conditions include clay to 1.8 m bgs followed by limestone to 14.6 m bgs where the well was terminated. The static water level was 2.4 m bgs;
- Well No. 1502204, a domestic supply well located approximately 220 m north of the Site, was installed in 1959. General soil conditions include gravel to 2.4 m bgs followed by limestone to 15.2 m bgs where the well was terminated. The static water level was 2.4 m bgs;
- Well No. 1502205, a commercial supply well located approximately 16 m south of the Site, was installed in 1956. General soil conditions include boulder till to 1.8 m bgs followed by sandstone to 49.7 m bgs where the well was terminated. The static water level was 2.4 m bgs;
- Well No. 1502267, a domestic supply well located approximately 220 m north of the Site, was installed in 1964. General soil conditions include brown sandy loam to 1.5 m

bgs followed by grey limestone to 28.7 m bgs and grey sandstone to 70.1 m bgs where the well was terminated. The static water level was 21.3 m bgs;

- Well No. 1502268, a domestic and livestock supply well located approximately 195 m northeast of the Site, was installed in 1961. The well was previously drilled to a depth of 19.2 m bgs. General subsurface conditions include sandstone from 19.2 to 51.8 m bgs where the well was terminated. The static water level was 15.2 m bgs;
- Well No.1502274, a domestic supply well located approximately 130 m southeast of the Site, was installed in 1960. General soil conditions are unspecified. The well was terminated at 11.0 m bgs and the static water level was 3.0 m bgs;
- Well No. 1502276, a domestic supply well located approximately 80 m southeast of the Site, was installed in 1961. General soil conditions include "broken limestone" to 3.0 m bgs followed by grey limestone to 30.5 m bgs and grey sandstone to 41.8 m bgs where the well was terminated. The static water level was 15.2 m bgs;
- Well No.1516460, a domestic supply well located approximately 200 m southeast of the Site, was installed in 1978. General soil conditions include brown sand with boulders to 1.5 m bgs followed by grey limestone to 41.2 m bgs where the well was terminated. The static water level was 3.0 m bgs; and
- Well No.1502272, a domestic supply well located approximately 230 m southeast of the Site, was installed in 1958. General soil conditions include clay with boulders to 3.7 m bgs followed by limestone to 15.2 m bgs where the well was terminated. The static water level was 2.4 m bgs.

3.5.6 National Pollutant Release Inventory

The National Pollutant Release Inventory is maintained by Environment Canada. It is designed to collect comprehensive data regarding releases to air, water or land, and water transfers for recycling. The database was accessed through a database service provider (Ecolog Eris, Toronto, Ontario) and their report is included in **Appendix D**.

Database:	National Pollutant Release Inventory
Years covered:	1993-2017
Search radius:	250 m
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.7 Inventory of PCB Storage Sites

The MECP Waste Management Branch maintains an inventory of PCB storage Sites within the province. The Environmental Protection Act requires the registration inactive PCB storage equipment and/or disposal Sites. The database covers a period between 1987 and 2004. The database was accessed through a database service provider (Ecolog Eris, Toronto, Ontario) and their report is included in **Appendix D**.

Database:	Inventory of PCB Storage Sites
Years covered:	1988 to 2013
Search radius:	250 m
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.8 Certificates of Approvals

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 (C of A) before it can operate lawfully. The database was accessed through a database service provider (Ecolog Eris, Toronto, Ontario) and their report is included in **Appendix D**.

Database:	MECP Certificates of Approval
Years covered:	1985 to October 2011
Search radius:	250 m
Date accessed:	September 10, 2019
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.9 Environmental Site Registry

The Environmental Registry lists proposal, decisions and exceptions regarding policies, Acts, instruments or regulations that could significantly affects the environment. Applications for permits, licences or certificates of approval to release substances into the air or water are posted on the registry. The database was accessed through database service provider (Ecolog Eris, Toronto, Ontario) and their report is included in **Appendix D**.

Database:	Environmental Registry
Years covered:	1994 to August 2019
Search radius:	250 m
Date accessed:	September 10, 2019
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.10 Waste Disposal Site Inventory

The MECP's Waste Management branch maintains an inventory of known open (active or inactive) and closed disposal site in Ontario.

Database:	Waste Disposal Site Inventory
Years covered:	1970 to 1990
Search radius:	250 m
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.5.11 Other Databases

Other Databases are covered by the Ecolog Eris Report included in **Appendix D**. They are outlined below.

3.5.11.1 Ontario Spills

Database:	Ontario Spills
Years covered:	1988 to February 2019
Search radius:	250 m
Date accessed:	September 10, 2019

Description of data, analysis and findings relevant to the Phase I ESA:

The following three (3) records of spills were identified within 250 m of the Site:

- Two (2) spills occurred at 5217 Bank Street, approximately 120 m north of the Site. In August 1995, an unknown quantity of "operating fluids" was being intentionally dumped onto the ground and in the ditch. Soil contamination was confirmed. This spill presents a moderate environmental risk. In December 1995, equipment failure caused 136 L of fuel oil to spill to the garage floor of the RV repair shop. The spill was reportedly contained, and environmental impact was not anticipated. This spill presents a low environmental risk due to the containment of the spill and its distance from the Site; and
- One (1) spill was reported in 2009 at 5227 Bank Street, approximately 50 m northeast of the Site. An unknown quantity of furnace oil had leaked into the basement of the residence. Soil contamination was deemed possible. The risk for environmental concern is low to moderate due to the distance from the Site and the inferred direction of groundwater flow toward the west.

3.5.11.2 Ontario Regulation 347 Waste Generators Summary

The MECP's Waste Management branch maintains an inventory of Waste Generators in Ontario.

Database:	Ontario Regulation 347 Waste Generators Summary
Years covered:	1986 to July 2019
Search radius:	250 m
Date accessed:	September 10, 2019

Description of data, analysis and findings relevant to the Phase I ESA:

The following twenty-three (23) records of waste generators were identified within 250 m of the Site:

- Two (2) records identify Abloom Landscape Contractor Inc., located at 5224 Bank Street, as a generator of petroleum distillates and waste oils and lubricants between 2002 and 2005. Eleven (11) records identify Grandor Lumber Inc., located at the same address, as a generator of aromatic solvents, aliphatic solvents, petroleum distillates and waste oils and lubricants between 2007 and July 2019. The property is located immediately north of the Site. These waste generators present a moderate risk for environmental concern due to their proximity to the Site;
- Three (3) records identify Barry Daly, a wooden household furniture manufacturing operation located at 5315 Bank Street, as a generator of paint/pigment/coating residues between 2006 and 2010. The property is located approximately 245 m southeast of the Site. This waste generator presents a low risk for environmental concern due to its distance from the Site; and
- Seven (7) records identify Wallace Service Centre, an automotive repair facility located at 5217 Bank Street, as a generator of light fuels, oil skimmings and sludges, and waste oils and lubricants between 2002 and December 2018. The property is located approximately 120 m north of the Site. This generator presents a low to moderate risk for environmental concern due to its distance from the Site and the nature of the wastes produced.

3.5.11.3 Private and Retail Fuel Storage Tanks

Database:	Private and Retail Fuel Storage Tanks
Years covered:	1989-1996
Search radius:	250 m
Date accessed:	September 10, 2019

Description of data, analysis and findings relevant to the Phase I ESA:

No records were found within a 250 m radius of the Site.

3.5.11.4 Scott's Manufacturing Directories

Scott's Directories is a data bank containing information on over 70000 manufacturers in Ontario.

Database:	Scott's Manufacturing Directory
Years covered:	1992 to March 2011
Search radius:	250 m
Date accessed:	September 10, 2019
Description of data, analysis and findings relevant to the Phase I ESA:	
No records were found within a 250 m radius of the Site.	

3.6 Physical Setting Sources

3.6.1 Aerial Photographs

Aerial photographs were obtained from the National Air Photo Library in Ottawa, Ontario, and the City of Ottawa interactive mapping system, geoOttawa. Review of the photographs was completed to develop a general history of the development of the Site and surrounding properties. Aerial photographs may be at a scale that limits a detailed review of the Site and surrounding properties. Copies of select aerial photographs are included in **Appendix E**.

Year	Photo Number	Scale
1945	A9610-53	1:15 000
1956	A15596-13	1:40 000
1966	A19674-104	1:35 000
1976	Not Applicable	Not Applicable
1989	A27398-49	1:25 000
1999	Not Applicable	Not Applicable
2008	Not Applicable	Not Applicable
2017	Not Applicable	Not Applicable
Rational for time period between aerial photographs used **A regular interval of approximately 10 years was used, when possible.**		
Summary of information obtained from aerial photographs The Site appears undeveloped vacant land in 1945 (AP1) and 1956. Bank Street is present along the east of the Site. The adjacent properties appear as agricultural, with some rural residential to the north and south. The Site appears developed with a residence in 1966 (AP2). The adjacent properties show some commercial development to the north and east but remain largely agricultural and residential. Quarrying activity is visible to the far north, south and west, and expands continually approaching the Site between 1966 and 2008. In 2008, the property to the immediate north of the Site is developed with a lumber yard. The quarrying/industrial activity can be seen continuing expansion between 2008 and 2017 (AP3).		
Relevant information regarding potentially contaminating activity and areas of potential environmental concern The quarrying activities visible around the Site are identified as potentially contaminating activities. The potential risk is considered low due to the distances of the quarrying activities to the Site (250 m east, 425 m west). The lumber yard immediately north of the Site is identified as a moderate potential environmental concern.		

3.6.2 Topography, Hydrology & Geology

A topographic map was obtained to illustrate the location of the Site in relation to any water bodies in the area and document the regional topography. The map is included in **Appendix F**.

Map:	Ontario Base Map
Approximate elevation:	Approximately 120 m above mean sea level
Topography:	Generally flat, sloping westward
Nearest open water body:	A series of man-made quarry lakes are present in the area, the nearest of which is approximately 520 m to the west. The Rideau River is located approximately 9 km to the west.

Geological maps were reviewed to obtain information on regional geology, surficial soils and bedrock.

Generalized surficial geology:	Glacial Deposits: till; heterogenous mixture of material ranging from clay to large boulders, generally sandy, grades downwards into unmodified till; surface generally modified by wave or river action; topography flat to hummocky.
Generalized bedrock geology:	Oxford formation: dolomite and limestone

4 INTERVIEWS

Interview subject:	Sandra Reaney, Owner
Date:	September 26, 2019

Pertinent information:

- Mrs. Reaney has owned the property since 1965.
- The property is currently used as residential, as has been for the last 55 years.
- The residence is serviced by municipal water and is heated by natural gas. Sewage is disposed of via a private septic system. A water well was formerly located on the property.
- A heating oil tank was formerly located in the basement of the residence. The owner has since heated her residence with natural gas.
- Wastes generated on Site include typical household wastes only.

5 SITE RECONNAISSANCE

5.1 Site Visit Information

Date:	September 26, 2019
Time:	12:00 pm – 12:45 pm
Weather Conditions:	Cloudy
Person conducting Site visit:	Matthew Whitney, P.Eng.
Limitation to visit:	None.
Property Use	Residential.

Photographs from the Site visit are included in **Appendix G.**

5.2 General

5.2.1 Hazardous Materials & Unidentified Substances

Hazardous materials:	Not observed.
Unidentified substances:	Not observed.

5.2.2 Storage Tanks & Containers

Aboveground storage tanks (ASTs):	One (1) fuel-oil AST is located in the storage barn at the northwestern portion of the Site. The AST is 16 years old and appeared to be in good condition. The tank was empty at the time of the Site visit and reportedly hasn't been in use since 2015. Olfactory evidence of possible leaks or spills was observed at the time of the Site visit.
Underground storage tanks (USTs):	Not observed.
Fill ports, vent pipes:	Not observed.
Storage containers:	Oil jugs and gasoline cans were observed onsite. No evidence of leaks was observed.

5.2.3 Odours

Odours:	Detected below the AST in the garage.
Air emissions:	Not observed.

5.3 Exterior Observations

5.3.1 Topographic, Geologic & Hydrogeologic

Landscaped & vegetated area:	The majority of the Site is grassed with mature trees lining the perimeter of the property.
Pavement, roads & driveways:	An asphalt driveway is present in the northeast portion of the Site to Bank Street.
Topography	Generally flat, sloping towards the west.
Surface drainage	Potentially toward the rear (west) of the property.
Drainage improvements:	Not observed.
Receives drainage from adjacent lands:	Potentially from Bank Street to the east.
Watercourses, ditches or standing water:	Not observed.
Other observations:	Not observed.

5.3.2 Structures

A single-storey residence building located at the southeastern portion of the Site.

Structures:	Single-storey residence.
Location:	Southeast portion.
Use:	Residential.
Construction date:	Approximately 1965.
Foot print:	Approximately 105 m^2
Floors:	Single-storey.
Basement:	Full basement.
Exterior finish:	Vinyl siding, shingle roof, brick chimney.

Several detached accessory buildings are situated west of the residence, including a garage, with a footprint of approximately 45 m^2, and two large divided sheds (approximately 160 m^2 each). The garage is of temporary construction, with wood frame construction directly on the asphalt driveway surface. The sheds are constructed of wood and steel panel. Flooring consists of wood, concrete, and dirt.

5.3.3 Other Observations

Wells:	A well is located on the east end of the Site but is not currently in use.
Sewage disposal:	Private septic system. Location is unknown.
Pits and lagoons:	Not observed.
Wastewater:	Not observed.
Solid waste:	Not observed.
Stained material:	Minor staining was present on the asphalt surface in the garage. Staining was observed on the wooden shed floor. An absorbent material was spread over a portion of the stained areas.
Stressed vegetation:	Not observed.
Fill or previous fill activities:	The presence of significant amounts of fill material (beyond that required for normal construction and/or grading was not observed.
Earth-moving activity:	Not observed.
Other	Not observed.

5.4 Utilities

Potable Water:	Municipal water.
Wastewater:	Private septic.
Storm Sewer:	Not observed.
Electricity:	Yes.
Telephone:	Yes.
Natural Gas:	Yes.

5.5 Interior of Structures

Heating Systems	Natural gas furnace.
Cooling Systems	Not observed.
Floor drains:	Not observed.
Sumps:	Two (2) sump pits were observed in the residence. One was dry, the other had water.
Paint booth:	Not applicable.
Staining or corrosion (other than water):	Staining visible on asphalt and concrete in garage.
Mechanical equipment:	Not applicable.
Interior finishing	Drywall and wood panel walls, laminate and vinyl flooring, concrete floor in basement.
Other:	Not applicable

5.6 Adjacent Land Use

The current land uses of the adjoining properties were observed from the property limits and publicly accessible locations to assess potential impacts to the Site that may arise from off-Site operations. The properties surrounding the subject Site are as follows:

North:	Grandor Lumber.
South:	Forested land followed by a used car lot.
East:	Bank Street, with a shed constructed on the forested land beyond.
West	Undeveloped portion of a quarry property.

5.7 Special Attention Items

Eleven chemical contaminants have been identified under the Occupational Health and Safety Act (OHSA) and regulations have been set in place to prohibit, regulate restrict, limit or control workers exposure to these substances. Other hazardous materials not included in the OHSA but under the Environmental Protection Act were also observed. The observations presented herein do not constitute a designated substance/hazardous material survey but are rather for information purposes only.

5.7.1 Designated Substances

Asbestos Containing Material (ACM)

Since the late 1970's the manufacture and use of asbestos containing building materials started to decrease. It is commonly presumed that buildings constructed prior to 1980 are more likely to contain both friable and non-friable forms of asbestos. Generally buildings constructed up to the mid-1980's are more likely to contain non-friable asbestos (flooring, joint compound).

Due to the construction date of the building (circa 1965) presence of ACM is possible throughout the buildings. Potential friable and non-friable asbestos containing material was observed throughout the building (joint compound, vinyl floor tiles and acoustic ceiling tiles).

Lead

Lead may be present in a variety of building materials including paint and water distributions pipes, however lead based paints (LBP) are considered the most significant hazard. According to published information by Health Canada concerning LBP, buildings constructed before 1980 may contain lead based interior and exterior paints.

Due to the construction date of the buildings (circa 1965), the presence of lead-based piping and paints are possible.

Mercury

Minor amounts of mercury are commonly found in a variety of building material including mercury vapour lamps, fluorescent light tubing and thermostats and other electrically control switches.

Others

No other potential designated substances were identified (i.e. arsenic, ethylene oxide, silica, vinyl chloride, benzene, coke oven emissions, acrylonitrile or isocyanates).

5.7.2 Other Hazardous Building Materials/Items

Microbial Contamination and Mould:
Not observed. No areas of possible sources of mould (i.e. water damage, poor housekeeping, poor ventilation) were identified.

Ozone-Depleting Substances (ODS):
ODS such as chlorofluorocarbons (CFC) and hydrochlorofluorocarbon (HCFC) are typically found in refrigeration equipment, air conditioners, aerosols, cleaning solvents and fire extinguishers. Federal regulations required the elimination of production and import of CFC and a freeze on the production and import of HCFC by January 1, 1996. The regulations govern only the production and import therefore these materials are stilled used as long as a supply is in place.

A refrigerator is present which possibly contains ODS.

Polychlorinated Biphenyls (PCB):
The Federal Chlorobiphenyls Regulation, SOR/91-152 prohibits PCBs from being used in products, equipment, machinery, electrical transformers and capacitors which were manufactured or imported into the country after July 1, 1980. However, older equipment in use after this date may still contain PCBs if the equipment fluid has not been replaced. PCB-containing equipment can also include fluorescent, mercury, and sodium vapour light ballasts.

Due to the construction date of the building (circa 1965) the presence of PCBs is possible.

Urea Formaldehyde Foam Insulation (UFFI):
UFFI was widely used as an insulating material until December 1980 when a ban was enacted under the Hazardous Products Act. UFFI was commonly injected through walls by drilling injections holes in roof structures, ceilings and overhangs.

Due to the construction date of the building (circa 1965) the presence of UFFI is possible.

Radon:
Radon gas is a product of the decay series of uranium that is commonly found in geological units that contain black shale, sandstone or granite. Radon can percolate up through the soil where it may accumulate in basement of buildings with cracks or joints in the foundation. Because the existence of radon is dependent upon geological factors, it is more a regional concern than site specific. Based on the review of radon maps of Eastern Ontario, radon levels in the area of the Site are low. Exposure to radon can lead to increased risk of developing lung cancer.

Electric and Magnetic Fields:
Electromagnetic fields are generally associated with high frequency power lines. No high voltage power lines were noted within 250 m of the Site.

Noise and Vibration:
Noise and vibration are typical of a rural environment (i.e. traffic).

Methane:
Methane gas is a colourless and odourless gas commonly formed by the decomposition of organic material. The Site is not close to any active or closed waste disposal sites, marshes, swamps or peat deposits therefore methane is not expected to be a concern.

6 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

Below is a summary of the current and past uses of 5254 Bank Street, Ottawa, Ontario:

Year	Name of Owner	Description of Property Use	Property Use	Source of Information
Prior to 1965	Unknown	Undeveloped	Undeveloped	Aerial photographs
1965 to present	Denzil and Sandra Reaney	Residential	Residential	Aerial photographs, land title search and interview

6.2 Potential Contaminating Activity & Areas of Potential Environmental Concern

A potentially contaminating activity is a use or activity set out in Table 2 of Schedule D of the O. Reg. 153/04. These activities are summarized in the Table included in **Appendix H**. The activities on the site and lands within 250 m generally consist of residential and commercial.

Based on the results of the Phase I Environmental Site Assessment the following areas of potential environmental concern were identified:

PEC	Location	Comments	Contaminants of Potential Concern	Media Potentially Impacted	Level of Risk
Heating oil tanks	On-Site	An AST observed in a shed during the Site visit. An AST was formerly located in basement of the residence.	PHC, BTEX	Soil and groundwater	Low to Moderate
Stained material	On-Site	Dark stained wood flooring material was observed in the shed.	PHC, BTEX	Soil and groundwater	Moderate
Lumber Yard	North adjacent	A lumber yard is operating on the adjacent property to the north. The property was listed as a waste generator of aromatic solvents, aliphatic solvents, petroleum distillates and waste oils and lubricants.	PHC, VOC, PAH, metals	Soil and groundwater	Moderate
Auto garage	5217 Bank Street, approximately 120 m north of the Site.	An automobile service garage is present. Record of intentional dumping to the ditch and 136 L spill of fuel-	PHC, VOC, metals	Soil and groundwater	Moderate

		oil to the garage floor were reported.			
Spill	5227 Bank Street, approximately 50 m northeast of the Site.	An unknown quantity of furnace oil had leaked into the basement of the residence. Soil contamination was deemed possible.	PHC, BTEX	Soil and groundwater	Moderate

Notes: PEC – Potential Environmental Concern
VOC – Volatile Organic Compounds
PHC – Petroleum Hydrocarbons
PAH – Polycyclic Aromatic Hydrocarbons

Risk levels: Low – Unlikely potential for environmental impacts
Moderate – Some potential for environmental impacts
High – Definite potential for environmental impacts

6.3 Phase I Conceptual Site Model

The location of the Site is shown in the attached **Figure 1** and the current layout of the Site is shown in the attached **Figure 2**. The Phase I ESA identified the following:

- The Site is rectangular shaped with an approximate area of 1,740 m^2 (0.43 acres). The Site is developed with a residence estimated to have been constructed in at least 1965. The residence is serviced by municipal water and is heated by natural gas. Sewage is disposed of via a private septic system.
- A series of man-made quarry lakes are situated west, south and east of the Site, the nearest of which is approximately 520 m to the west. The Rideau River is located approximately 9 km to the west. The Site generally slopes toward the west.
- The activities on the Site and lands within 250 m are residential, commercial (auto repair garage, auto sales lot, lumber yard) and industrial (quarries).
- Under the Freedom of Information Act, a Freedom of Information Request was made to the MECP. A thorough search through the Ministry's Ottawa District Offices' files was conducted and no records were located.
- TSSA was contacted regarding available information concerning the presence of petroleum storage tanks, fuel spill records, accidents or fuel-related incidents which may be registered on the Site or surrounding properties. The TSSA has indicated that there are no records of above/underground storage tanks on the Site or adjacent properties.
- Three (3) records of spills were identified within 250 m of the Site as follows:
    - Two (2) spills occurred at 5217 Bank Street, approximately 120 m north of the Site. In August 1995, an unknown quantity of "operating fluids" was being intentionally dumped onto the ground and in the ditch. Soil contamination was confirmed. This spill presents a moderate environmental risk. In December 1995, equipment failure caused 136 L of fuel oil to spill to the garage floor of the RV repair shop. The spill was reportedly contained, and environmental impact was not anticipated. This spill presents a low environmental risk due to the containment of the spill and its distance from the Site; and
    - One (1) spill was reported in 2009 at 5227 Bank Street, approximately 50 m northeast of the Site. An unknown quantity of furnace oil had leaked into the basement of the residence. Soil contamination was deemed possible. The risk for

environmental concern is low to moderate due to the distance from the Site and the inferred direction of groundwater flow toward the west.

- The following twenty-three (23) records of waste generators were identified within 250 m of the Site:
    - Two (2) records identify Abloom Landscape Contractor Inc., located at 5224 Bank Street, as a generator of petroleum distillates and waste oils and lubricants between 2002 and 2005.
    - Eleven (11) records identify Grandor Lumber Inc., located at the same address, as a generator of aromatic solvents, aliphatic solvents, petroleum distillates and waste oils and lubricants between 2007 and July 2019. The property is located immediately north of the Site. These waste generators present a moderate risk for environmental concern due to their proximity to the Site;
    - Three (3) records identify Barry Daly, a wooden household furniture manufacturing operation located at 5315 Bank Street, as a generator of paint/pigment/coating residues between 2006 and 2010. The property is located approximately 245 m southeast of the Site. This waste generator presents a low risk for environmental concern due to its distance from the Site; and
    - Seven (7) records identify Wallace Service Centre, an automotive repair facility located at 5217 Bank Street, as a generator of light fuels, oil skimmings and sludges, and waste oils and lubricants between 2002 and December 2018. The property is located approximately 120 m north of the Site. This generator presents a low to moderate risk for environmental concern due to its distance from the Site and the nature of the wastes produced.
- There are no records of a waste disposal site, coal tar industrial site, PCB storage site or waste receivers within a 250 m radius.
- A potentially contaminating activity is a use or activity set out in Table 2 of Schedule D of the O. Reg. 153/04. The activities on the Site and lands within 250 m generally consist of residential, recreational, commercial and industrial.
- The potential environmental risks to the Site associated with properties within 250 m are considered low to moderate.

7 CONCLUSIONS

Based on the findings of the Phase I ESA, it is recommended that a Phase II ESA be conducted on the Site to confirm the impacts of the potential environmental concerns identified.

Due to the estimated age of construction of the building (circa 1965) there may be the presence of designated substances such as asbestos containing material (ACM) or lead-based paint. If construction or demolition activities is to occur on the building, it is recommended that sampling be performed to determine whether the presence of designated substances are present so they can be addressed accordingly to ensure that the contractors or building occupants do not come into contact with these materials.

8 LIMITATIONS AND USE OF REPORT

The results of this Phase I ESA should not be considered a warranty that the subject property is free from any and all contaminants from former and current practices, other than those noted in this report, nor that all compliance issues have been addressed.

The findings contained in this report are based on data and information collected during the Phase I ESA of the subject property conducted by LRL Associates Ltd. The conclusions and recommendations are based solely on Site conditions encountered at the time of our inspection on September 26, 2019, supplemented by historical information and data obtained as described in this report. No assurance is made regarding changes in conditions subsequent to the time of this investigation. If additional information is discovered or obtained, LRL Associates Ltd. should be requested to re-evaluate the conclusions presented in this report and to provide amendments as required.

In evaluating the subject property, LRL Associates Ltd. has relied in good faith on information provided by individuals as noted in this report. We assume that the information provided is factual and accurate. We accept no responsibility for any deficiencies, misstatements or inaccuracies contained in this report as a result of omissions, misinterpretation or fraudulent acts of the persons contacted.

This report is intended for the sole use of Holzman Consultants Inc. and their authorized agents. LRL Associates Ltd. will not be responsible for any use of the information contained within this report by any third party.

In addition, LRL Associates Ltd. will not be responsible for the real or perceived decrease in the property value, its saleability or ability to gain financing, through the reporting of factual information.

Yours truly,
LRL Associates Ltd.

Matthew Whitney, P. Eng.

W:\FILES 2019\190271\04 Environmental\01 PhaseIESA\04 Report\2019.11.22.Phase I ESA,5254BankStreet.Ottawa.Ontario.R0.docx

9 REFERENCES

Canadian Standards Association, Z768-01 Phase I Environmental Site Assessment, November 2001 (R2016)

Ministry of Environment and Energy, Coal Tar Site Investigations 1986 – 1995, January 1997.

Ministry of Environment, Environmental Protection Act, Ontario Regulation 511/09, Records of Site Condition-Part 15.1 of the Act, Parts 1-7

Ministry of the Environment, Guide for Completing Phase I Environmental Site Assessments Under Ontario Regulation 153/04, June 2011.

Ontario Well Records Map accessed though: https://www.ontario.ca/environment-and-energy/map-well-records

Ontario Regulation 153/04, amended to O. Reg. 269/11 made under the Environmental Protection Act, *Record of Site Conditions – Part X.1 of the Environmental Protection Act*, July 1, 2011.

St-Onge, D.A. (compilation), 2009: Surficial geology, Lower Ottawa Valley, Ontario-Quebec; Geological Survey of Canada, Map 2140A, scale 1:125000

Waste Management Branch, Ontario Ministry of the Environment, Waste Disposal Site Inventory, June 1991

Harrison J.E., 1980: Generalized Bedrock Geology, Ottawa-Hull, Ontario and Quebec; Geological Survey of Canada, Map 1508A, scale 1:125000

City of Ottawa Interactive Map: http://maps.ottawa.ca/geoottawa/

FIGURES

LRJ
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

PROJECT

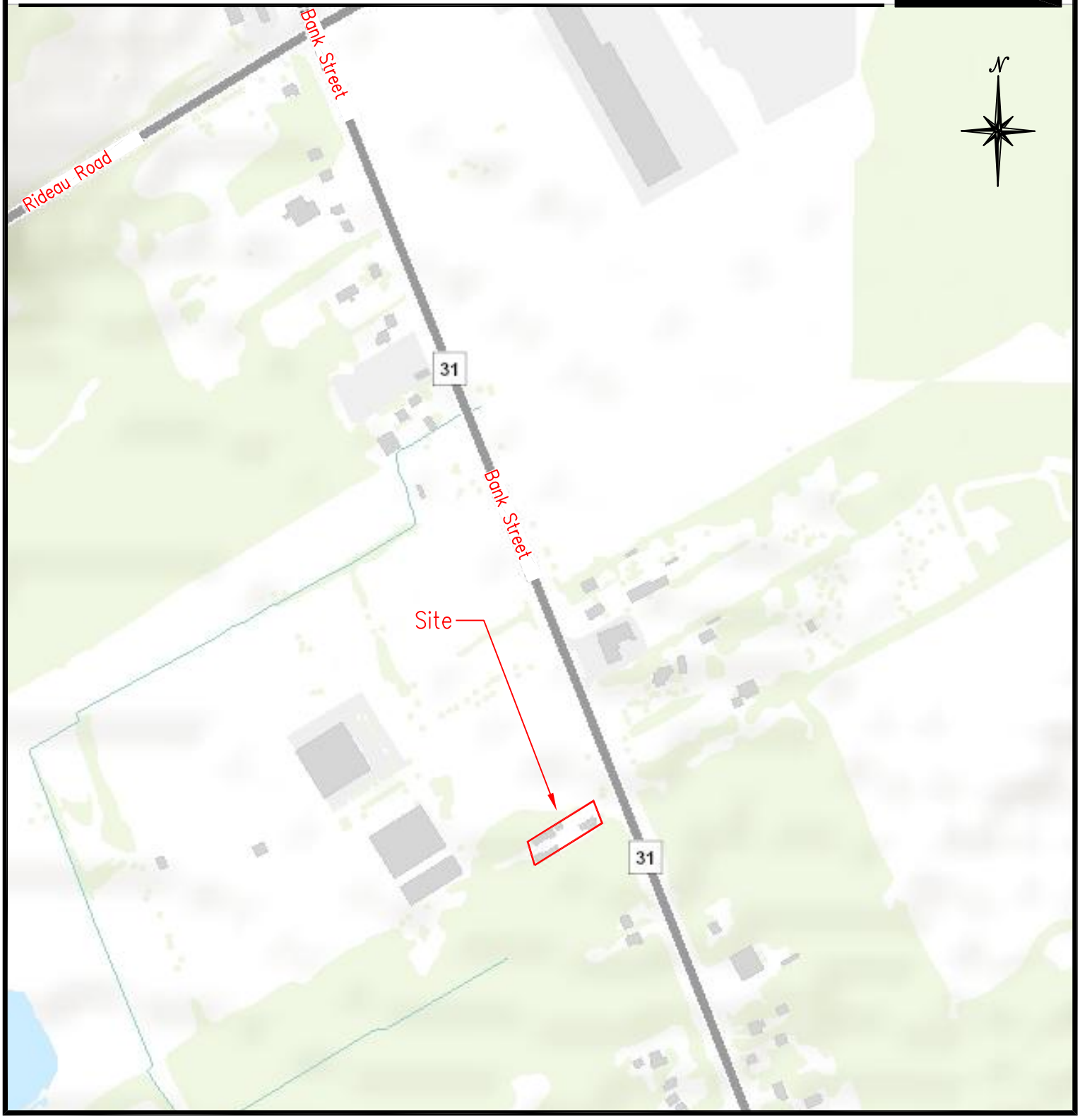
PHASE I
ENVIRONMENTAL SITE ASSESSMENT
5254 BANK STREET
OTTAWA, ONTARIO

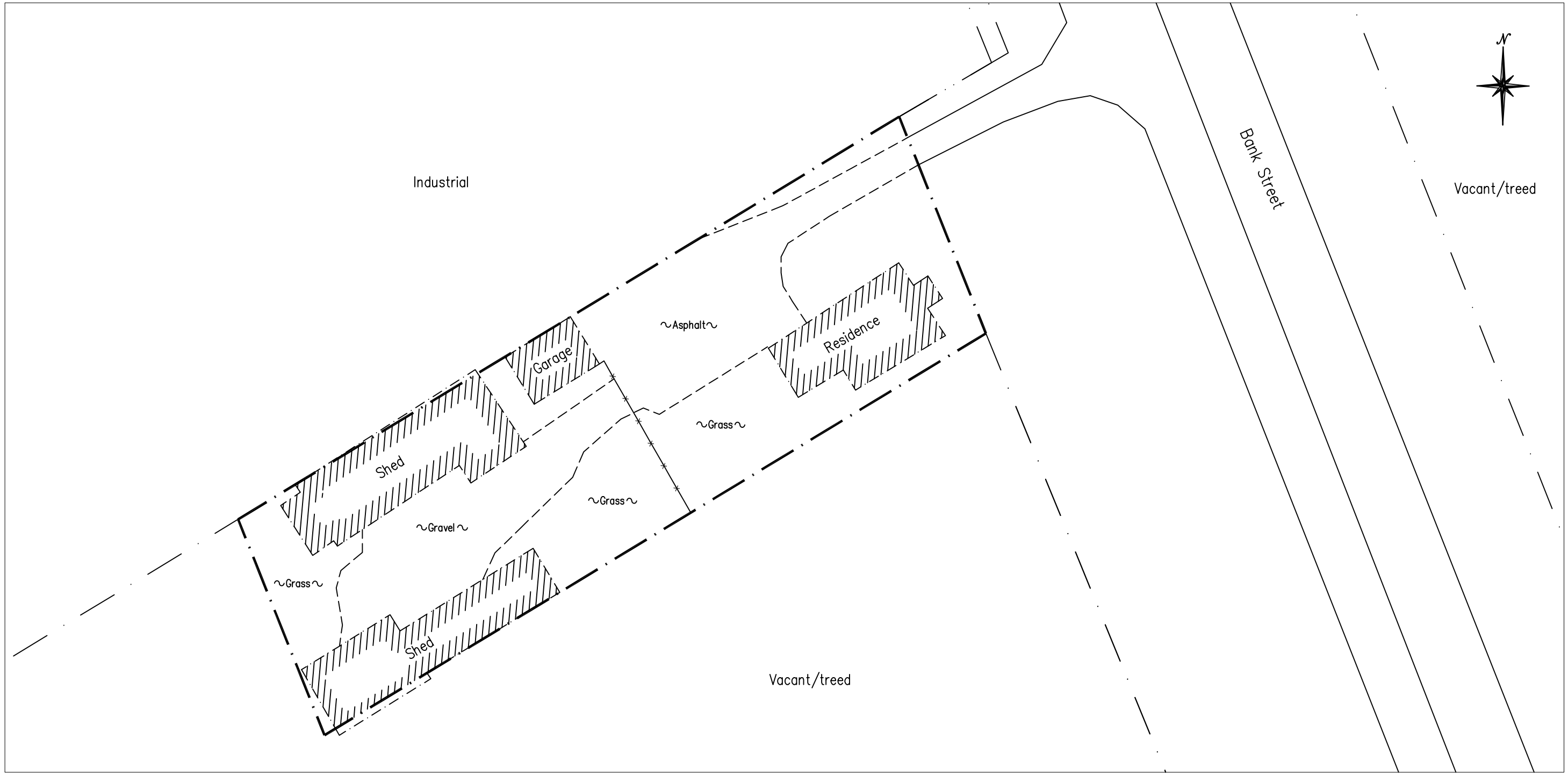
DRAWING TITLE

SITE LOCATION
(NOT TO SCALE)
SOURCE: GeoOTTAWA

CLIENT	DATE	PROJECT
HOLZMAN CONSULTANTS INC.	NOVEMBER 2019	190271.01

FIGURE 1





LEGEND

- Property Line
- Division amongst surface materials
- Fenceline
- Existing Building

5m 0 10 20m

SCALE: 1:400

No.	REVISIONS	BY	DATE
01	ISSUED FOR REVIEW	G.M.	14/11/19

LRJ
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

CLIENT
HOLZMAN CONSULTANTS INC.

DESIGNED BY:	DRAWN BY:	APPROVED BY:
	G.M.	M.W.

PROJECT
PHASE I
ENVIRONMENTAL SITE ASSESSMENT
5254 BANK STREET
OTTAWA, ONTARIO

DRAWING TITLE
SITE PLAN

PROJECT NO.
190271.01

DATE
NOVEMBER 2019

FIGURE 2

APPENDIX A

CITY DIRECTORY SUMMARY

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *5254 Bank Street, Ottawa, Ontario*
Report Type: *City Directory*
Order No: *20190910076*
Information Source: *Vernon's Ottawa & Area, ON Criss Cross City Directory*
Date Completed: *12/09/2019*

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

City Directory Information Source
Vernon's Ottawa & Area, ON Criss Cross City Directory

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 2011	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Grandor Group -Grandor Lumber
5227 Bank Street	-Camp Hither Hills -Residential (1 Tenant)
5295 Bank Street	-Residential (1 Tenant)
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 2006/07	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Abloom Landscape Contractor
5227 Bank Street	-Hither Hills Campground -Residential (1 Tenant)
5295 Bank Street	-Residential (1 Tenant)
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 2001/02	

Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Hither Hills Campground -Residential (1 Tenant)
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1996/97	
Site Listing:	-Address Not Listed
Adjacent Properties:	

5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1992	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed

5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1987	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1981/82	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1976	

Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1971	
Site Listing:	-Address Not Listed
Adjacent Properties:	

5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1966	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed

5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1961	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-Address Not Listed

PROJECT NUMBER: 20190910076	
Site Address:	5254 Bank Street, Ottawa, Ontario
Year: 1956	
Site Listing:	-Address Not Listed
Adjacent Properties:	
5217 Bank Street	-Address Not Listed
5224 Bank Street	-Address Not Listed
5227 Bank Street	-Address Not Listed
5295 Bank Street	-Address Not Listed
5304 Bank Street	-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 B

LAND TITLE SEARCH

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 28 CON 4RF GLOUCESTER AS IN GL76777; DESCRIPTION MAY NOT BE ACCEPTABLE IN FUTURE AS IN GL76777 ; GLOUCESTER

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 04327-0204

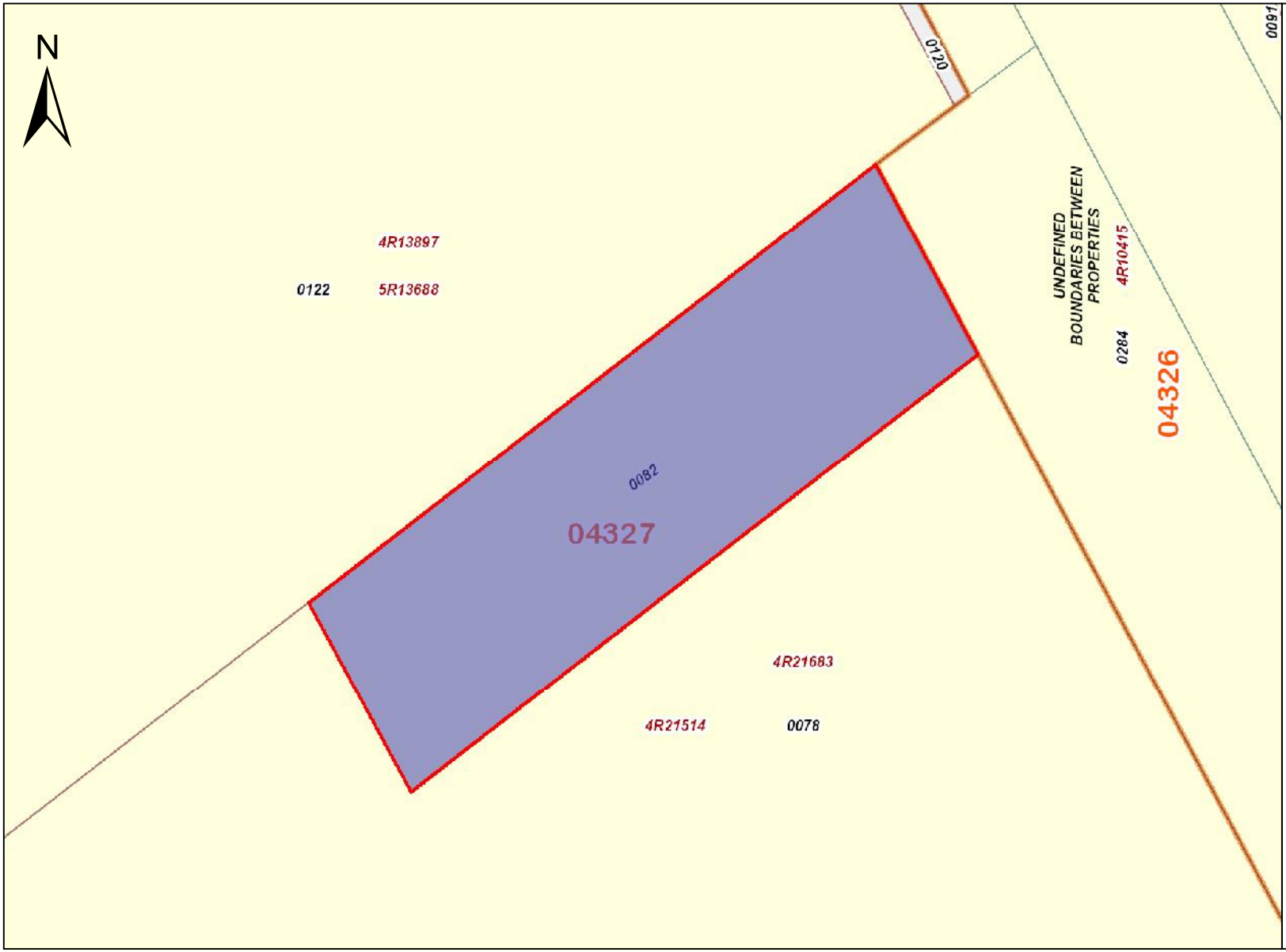
PIN CREATION DATE:
1999/10/22

OWNERS' NAMES
REANEY, DENZIL
REANEY, SANDRA

CAPACITY SHARE
JTEN
JTEN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/05/26 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/10/22						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1999/10/25 ***						
GL75633	1964/11/12	BYLAW				C
GL76777	1965/06/21	TRANSFER	$2		REANEY, DENZIL REANEY, SANDRA	C

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



ServiceOntario

PRINTED ON 10 SEP, 2019 AT 12:23:37
FOR EEGOOLAB

SCALE

0 20 meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

APPENDIX C

WATER WELL RECORDS

316/50

UTM |1|1|8|z |4|5|4|7|7|0|E
|9|R |5|0|1|1|5|0|5|0|N

Elev. |9|R |0|3|7|0|

Basin |2| Rideau Front

Con IV
lot 28

15 № 2205

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

Water-Well Record

County or Territorial District ....Carleton.......... Township, Village, Town or City ....Gloucester..........

Con ....4RF.... Lot ....28 Not Known.... Street and Number (if in Village, Town or City) ....

Owner ..St. Lawrence Rendering Co. Ltd.......... Address ..South Gloucester..........

Date completed ....14.... (day) ....June.... (month) ....56.... (year)

Pipe and Casing Record

Casing diameter(s) ....5in....

Length(s) ....16' ft....

Type of screen ....

Length of screen ....

Pumping Test

Static level ....8½ ft....

Pumping rate ....800 gph....

Pumping level ....42 ft....

Duration of test ....1 hr....

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Boulder Till	0	6			
Sandstone	6	163½	155	146½	fresh

For what purpose(s) is the water to be used?
....Domestic (Company uses)....

Is water clear or cloudy? ....Clear....

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

Drilling firm ....R.H. Casselman....

Address ....Williamsburg....

....

Name of Driller ....Philip Casselman....

Address ....Williamsburg Ontario....

....

Licence Number ....1025....

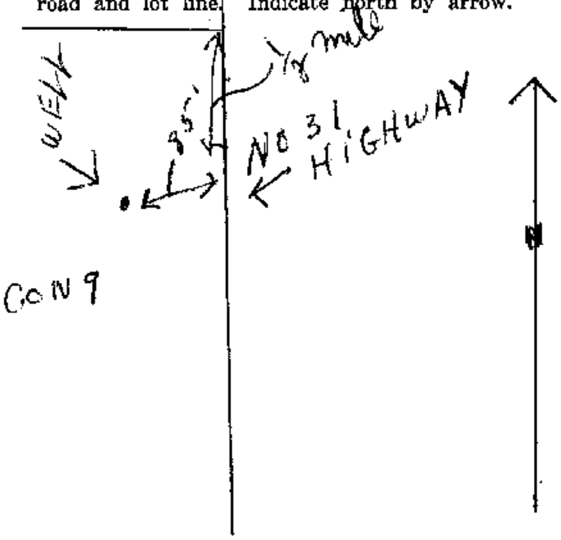
I certify that the foregoing statements of fact are true.

Date ..June 14/56 Phil Casselman
Signature of Licensee

Location of Well

Con 9

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



Con 9

Form 5

31G52

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

Ontario

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

(11) 1516460 MUN CIR 15002 TOR RF 05

COUNTY OR DISTRICT: Carleton
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Gloucester
CON., BLOCK, TRACT, SURVEY, ETC.: 5
LOT: 028
DATE COMPLETED: DAY 28 MO 04 YR 78
[redacted] & 6 Ottawa, Ontario
UTM NORTHING: 0014960 RC 4 ELEVATION: 0360 RC 4 BASIN CODE: 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	TO
brown	sand	boulders	packed	0	5
grey	limestone		hard	5	135

(31) 0005626/1379 0/1358/573

(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0128	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

SIDE DIAM. NO.-IN	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	TO
64	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0024
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		24	0135
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SLOT NO. | DIAMETER (INCHES) | LENGTH (FEET)
MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN (FEET)

(61) PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE	CEMENT GROUT / LEAD SACKLE ETC.
10-13	14-17		
18-21	22-28		
26-29	30-32		

(71) PUMPING TEST

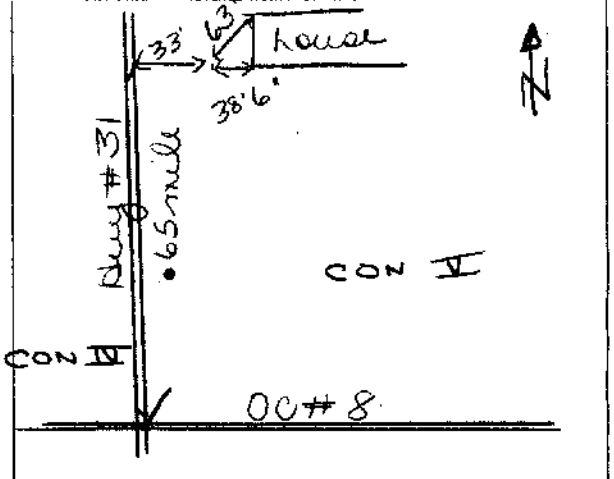
METHOD: 1 ☒ PUMP 2 ☐ BAILER
PUMPING RATE: 0009 GPM
DURATION OF PUMPING: 01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	1 ☒ PUMPING 2 ☐ RECOVERY
010 FEET	050 FEET	15 MINUTES: 050 FEET; 30 MINUTES: 050 FEET; 45 MINUTES: 050 FEET; 60 MINUTES: 050 FEET	

IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: FEET
WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP
RECOMMENDED PUMP SETTING: 060 FEET
RECOMMENDED PUMPING RATE: 0005 GPM
GPM/FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS

FINAL STATUS OF WELL (54): 1

1 ☒ WATER SUPPLY 5 ☐ ABANDONED, INSUFFICIENT SUPPLY
2 ☐ OBSERVATION WELL 6 ☐ ABANDONED, POOR QUALITY
3 ☐ TEST HOLE 7 ☐ UNFINISHED
4 ☐ RECHARGE WELL

WATER USE (55-56): 01

1 ☒ DOMESTIC 5 ☐ COMMERCIAL
2 ☐ STOCK 6 ☐ MUNICIPAL
3 ☐ IRRIGATION 7 ☐ PUBLIC SUPPLY
4 ☐ INDUSTRIAL 8 ☐ COOLING OR AIR CONDITIONING
☐ OTHER 9 ☐ NOT USED

METHOD OF DRILLING (57): 5

1 ☐ CABLE TOOL 6 ☐ BORING
2 ☐ ROTARY (CONVENTIONAL) 7 ☐ DIAMOND
3 ☐ ROTARY (REVERSE) 8 ☐ JETTING
4 ☐ ROTARY (AIR) 9 ☐ DRIVING
5 ☒ AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd.
LICENCE NUMBER: 1558
ADDRESS: Box 490 Stittsville, Ontario
NAME OF DRILLER OR BORER: S. Miller
LICENCE NUMBER:
SIGNATURE OF CONTRACTOR:
SUBMISSION DATE: DAY 28 MO 04 YR 78

OFFICE USE ONLY

DATA SOURCE: 1
CONTRACTOR: 1558
DATE RECEIVED: 79 05 28
DATE OF INSPECTION: 23/5/79
INSPECTOR: J.P.P.
REMARKS
P
WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07 78

31G/52

UTM 18 Z 4 5 4 8 5 0 E
Ideau front
5 R 5 0 1 1 5 0 4 0 N
Con V
Elev. 4 R 0 3 6 8
Lot 28
Basin 2 5

The Ontario Water Resources Commission Act

WATER WELL RECORD

15 No 2276

ONTARIO WATER RESOURCES COMMISSION

County or District Carl Township, Village, Town or City Gloucester

Con. 5 RF Lot 24 Date completed 24 (day) Oct (month) 1961 (year)

[redacted]ddress Richmond Ont

Casing and Screen Record	
Inside diameter of casing	5 5/8
Total length of casing	20'
Type of screen	
Length of screen	
Depth to top of screen	
Diameter of finished hole	5 1/2"

Pumping Test	
Static level	50'
Test-pumping rate	10 G.P.M.
Pumping level	94'
Duration of test pumping	1 hr
Water clear or cloudy at end of test	cloudy
Recommended pumping rate	10 G.P.M.
with pump setting of	120 feet below ground surface

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Broken (G) lime	0	10	70'	fresh
Grey lime	10'	90'	135'	"
(G) limes ~~lime~~ with Quartz	90'	100'		
Sandstone	100'	137'		

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

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

Drilling or Boring Firm Capital Water Supply

Address 1243 Avon Rd Ottawa

Licence Number

Name of Driller or Borer M Kavanagh

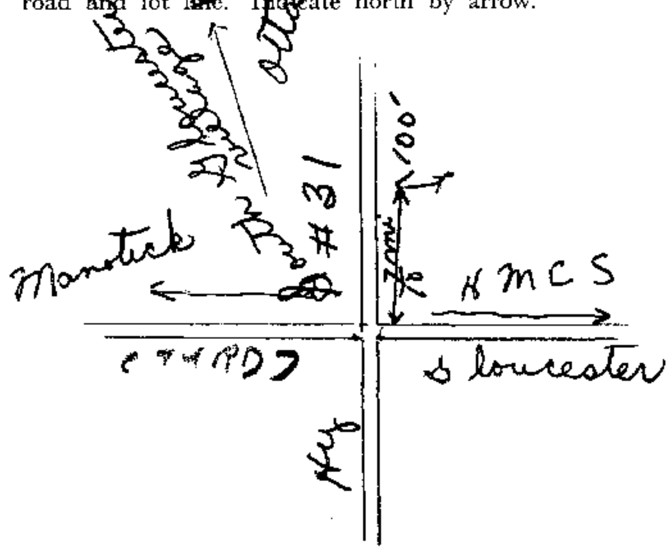
Address Stittsville Ont

Date

Walter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

O W R C COPY

316/58

UTM 1 8 Z 4 5 4 8 7 0 E
5 R 5 0 1 4 9 9 0 N
Elev. 4 R 0 3 6 5
Basin 2 ~~3~~ 1 V
Lot 28

15 No 2274

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Gloucester
Con. 5 R.F. Lot [redacted]ate completed 7 (day) Sept. (month) 1960 (year)
ddress R.R. 4 Ottawa Ont.

Casing and Screen Record

Inside diameter of casing 4 inch
Total length of casing 4 ~~inch~~ feet
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 4 inch

Pumping Test

Static level 10
Test-pumping rate 5 G.P.M.
Pumping level 26
Duration of test pumping 1 hour
Water clear or cloudy at end of test clear
Recommended pumping rate 4 G.P.M.
with pumping ~~level of~~ SET 24'

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
hard pan	0	4	36	10	fresh
hard gray rock ?	4'	36'			

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

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

Drilling Firm Cayer well drillers
Address St. Albert
Ont.

Licence Number 404

Name of Driller Cayer & Cayer
Address St. Albert Ont.
Date Sept. 2

Maurice Cayer
(Signature of Licensed Drilling Contractor)

Location of Well

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

Form 5
15M-58-4149

316/52.

UTM 18 Z 415421210 E
5 R 5011418210 N
Elev. [redacted] Basin [redacted]
LOT 28

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

15 No 2272

GROUND WATER BRANCH
DEC 1 1958
ONTARIO WATER RESOURCES COMMISSION

X
C

Water-Well Record

CARLETON Township, Village, Town or City GLOUCESTER
[redacted] Village, Town or City)
[redacted] Address

Date completed 2 DEC 58
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) 21'
Type of screen No
Length of screen

Pumping Test

Static level 8'
Pumping rate 250 GPH
Pumping level 14'
Duration of test 1 1/2

Well Log

Overburden and Bedrock Record	From ft.	To ft.
CLAY & BOULDERS	0	12
LIME STONE	12	50

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
50	42	FRESH

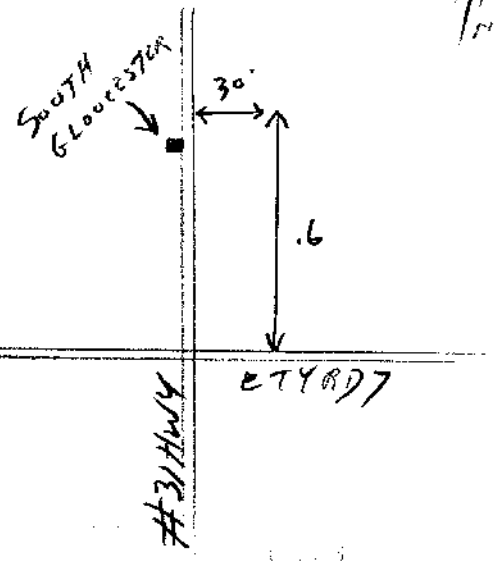
For what purpose(s) is the water to be used?
HOUSE
Is water clear or cloudy? CLEAR
Is well on upland, in valley, or on hillside?
Drilling firm
Address
Name of Driller M MEAGHER
Address OTTAWA
Licence Number 171

I certify that the foregoing statements of fact are true.

Date DEC 15 M Meagher
Signature of Licensee

Location of Well

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



Form 5

4h

316/52

UTM 18 Z 4514910 E
15 R 501752410 N

Elev. 4 R 913912

Basin 215

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
DEC 1 1961
No. 2268
ONTARIO WATER RESOURCES COMMISSION

County or District Carleton — Township, Village, Town or City Gloucester

Con. V RF Lot 27 — Date completed 8 (day) Nov (month) 61 (year)

[redacted] address RR #4 Ottawa

Casing and Screen Record

Inside diameter of casing 4"

Total length of casing none

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 3¾"

Pumping Test

Static level 50'

Test-pumping rate 5 G.P.M.

Pumping level 105

Duration of test pumping 1 hr

Water clear or cloudy at end of test clear

Recommended pumping rate 4 G.P.M.

with pump setting of 160 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Previously drilled to 63'	0	63		
Rock sandstone	63'	170'	92	fresh
			146	

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

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

Drilling or Boring Firm J.E. Johnston Drilling Co Ltd

Address 1340 Bank Ottawa

Licence Number 240

Name of Driller or Borer R.W. Reynolds

Address Rockcliffe

Date Nov 30/61

J.E. Johnston Drilling Co Ltd
(Signature of Licensed Drilling or Boring Contractor)

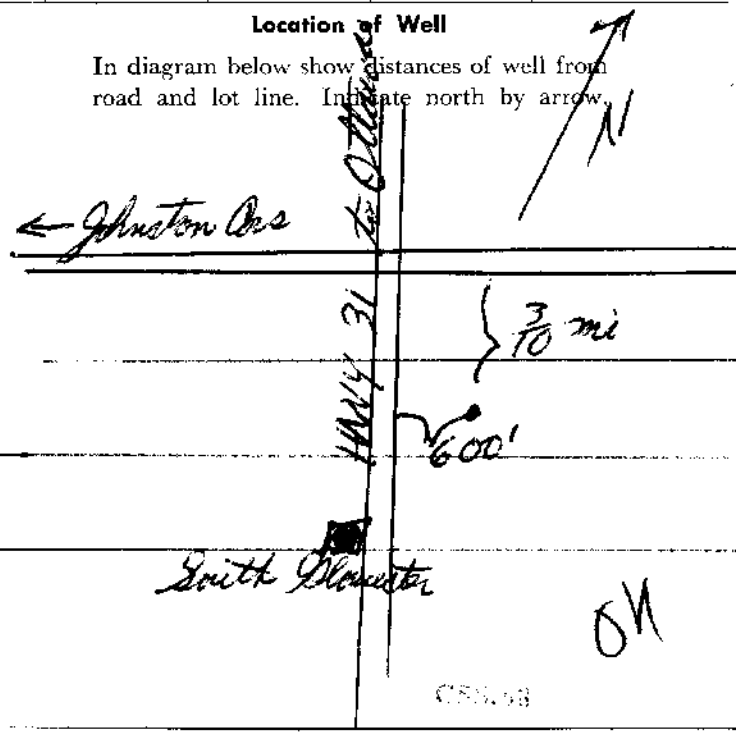
Per Roy W Reynolds

Form 7 15M Sets 60-5960

OWRC COPY

Location of Well

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



CSN 53

31G/50

WATER RESOURCES DIVISION
15 JAN 19[illegible]
ONTARIO WATER RESOURCES COMMISSION

UTM 18 E 415417 2910 E
RIDEAU 5 FROM 5 3210 N
Con V4 R 4 03910
Lot 27
Basin 25

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Gloucester
Con. V R.F. Lot SF 27 Date completed 18 (day) Mar (month) 64 (year)
[redacted] dress South Gloucester

Casing and Screen Record

Inside diameter of casing 6"
Total length of casing 11'
Type of screen N/L
Length of screen
Depth to top of screen
Diameter of finished hole 6"

Pumping Test

Static level 70'
Test-pumping rate 15 G.P.M.
Pumping level 80'
Duration of test pumping 2 hrs
Water clear or cloudy at end of test clear
Recommended pumping rate 10 G.P.M.
with pump setting of 90' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Brown sandy loam	0	4'6"	95	fresh
Hard grey limestone	4'6"	94'	162	"
layers of soft and hard	94'	230'	188	"
Whitish grey sandstone			214	"

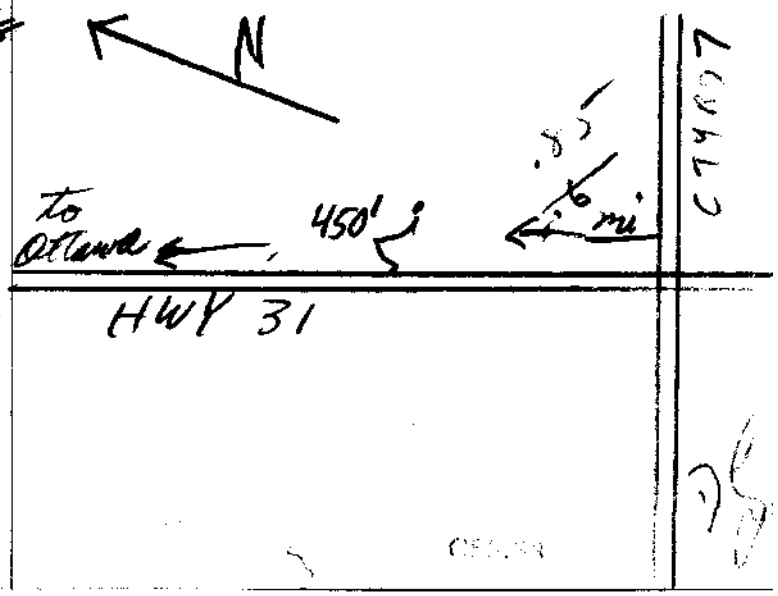
For what purpose(s) is the water to be used? Domestic
Is well on upland, in valley, or on hillside? hillside
Drilling or Boring Firm M E Johnston Drilling
Address Box 4134 Ottawa
Licence Number 1435
Name of Driller or Borer B Klatt
Address Kars
Date Nov 16/64
Ray W Renwick
(Signature of Licensed Drilling or Boring Contractor)

Form 7 10M-62-1152

OWRC COPY

Location of Well

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



316/59

UTM |18| Z |4|5|4|6|8|0| E

|5| R |5|0|4|5|8|0|0| N

Rideau Front

Elev. |4| R |0|3|8|0|

Con IV

Basin |2|5|2|7

Lot 27

The Ontario Water Resources Commission Act, 1957

220

WATER WELL RECORD

County or District CARLETON Township, Village, Town or City GLOUCESTER

Con. 4 RF Lot 27 [redacted] completed 30 (day) JULY (month) 59 (year)

[redacted] ss BILLINGS BRIDGE

Casing and Screen Record	
Inside diameter of casing	4"
Total length of casing	10'
Type of screen	—
Length of screen	—
Depth to top of screen	—
Diameter of finished hole	4"

Pumping Test	
Static level	8
Test-pumping rate	5 G.P.M.
Pumping level	8
Duration of test pumping	1 HR
Water clear or cloudy at end of test	CLEAR
Recommended pumping rate	5 G.P.M.
with pumping level of	8

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
GRAVEL	0	8			
LIMESTONE	8	50	50	42	FRESH

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

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

Drilling Firm M MEAGHER

Address OTTAWA

Licence Number 249

Name of Driller SAME

Address

Date AUG 31/59

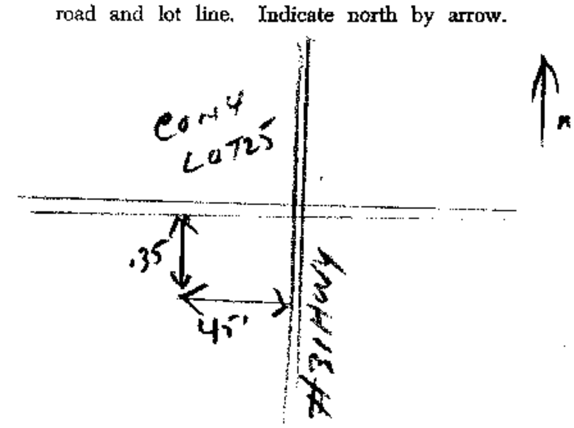
M Meagher
(Signature of Licensed Drilling Contractor)

Form 5
15M-58-4149

Location of Well

4

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



CRS

9
310/50

UTM 1 8 | 4 5 4 7 4 0 E
R 5 E 5 0 5 7 8 9 6 N

Elev. 9 3 9 0
Basin 2 5
Lot 27

ONTARIO

RECEIVED
JAN 9 1957
GEOLOGICAL BRANCH
DEPARTMENT of MINES

22

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

County or Territorial District Carleton Township, Village, Town or City Gloucester
Con. Con 4 RF Lot 27 Street and Number (if in Village, Town or City) S. Gloucester
Owner [redacted] Address S. Gloucester
Date completed Oct 9, 1956
(day) (month) (year)

Pipe and Casing Record [redacted]

Casing diameter(s) 4"
Length(s) 9'
Type of screen
Length of screen

Pumping Test

Static level 8'
Pumping rate 200 GPH
Pumping level 8'
Duration of test 1 h.

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Clay	1'	6'			
Limestone	6	48	48'	40'	fresh

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

Is water clear or cloudy? clear

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

Drilling firm M. McEachen

Address 639 Ravenswood

Name of Driller M. Meagher

Address

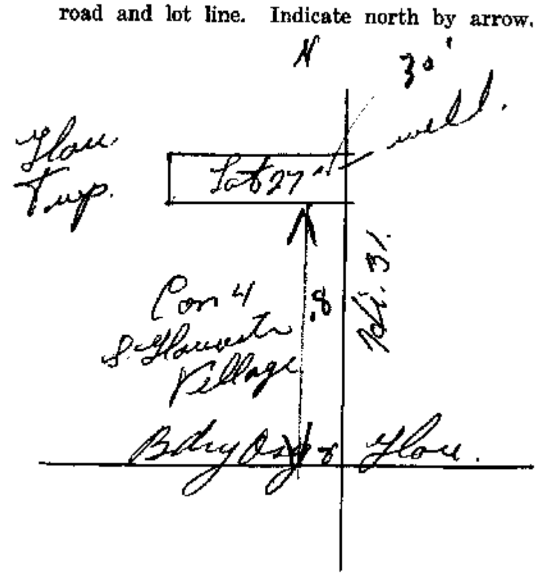
Licence Number 171

I certify that the foregoing statements of fact are true.

Date Oct 9. M Meagher
Signature of Licensee

Location of Well

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



Form 5

5

APPENDIX D

ECOLOG ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase I ESA - 5254 Bank Street, Ottawa* *5254 bank street ottawa* *Gloucester ON K1X 1H2*
Project No:	*190271*
Report Type:	*Standard Report*
Order No:	*20190910076*
Requested by:	*LRL Associates Ltd.*
Date Completed:	*September 16, 2019*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I ESA - 5254 Bank Street, Ottawa* *5254 bank street ottawa Gloucester ON K1X 1H2*
Project No:	*190271*

Coordinates:

Latitude:	*45.2896*
Longitude:	*-75.576706*
UTM Northing:	*5,015,283.82*
UTM Easting:	*454,776.32*
UTM Zone:	*UTM Zone 18T*

Elevation:	*360 FT* *109.88 M*

Order Information:

Order No:	*20190910076*
Date Requested:	*September 10, 2019*
Requested by:	*LRL Associates Ltd.*
Report Type:	*Standard Report*

Historical/Products:

City Directory Search	*CD - Subject Site plus 5 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Land Title Search	*Current Land Title Search*
Topographic Map	*Ontario Base Map (OBM)*
Topographic Map	*National Topographic Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	***Abandoned Aggregate Inventory***	*Y*	*0*	*0*	*0*
AGR	***Aggregate Inventory***	*Y*	*0*	*0*	*0*
AMIS	***Abandoned Mine Information System***	*Y*	*0*	*0*	*0*
ANDR	***Anderson's Waste Disposal Sites***	*Y*	*0*	*0*	*0*
AST	***Aboveground Storage Tanks***	*Y*	*0*	*0*	*0*
AUWR	***Automobile Wrecking & Supplies***	*Y*	*0*	*0*	*0*
BORE	***Borehole***	*Y*	*0*	*4*	*4*
CA	***Certificates of Approval***	*Y*	*0*	*0*	*0*
CDRY	***Dry Cleaning Facilities***	*Y*	*0*	*0*	*0*
CFOT	***Commercial Fuel Oil Tanks***	*Y*	*0*	*0*	*0*
CHEM	***Chemical 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*	*0*	*0*
EEM	***Environmental Effects Monitoring***	*Y*	*0*	*0*	*0*
EHS	***ERIS Historical Searches***	*Y*	*0*	*3*	*3*
EIIS	***Environmental Issues Inventory System***	*Y*	*0*	*0*	*0*
EMHE	***Emergency Management Historical Event***	*Y*	*0*	*0*	*0*
EPAR	***Environmental Penalty Annual Report***	*Y*	*0*	*0*	*0*
EXP	***List of 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*	*0*	*23*	*23*
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*

Database	Name	Searched	Project Property	Within 0.25 km	Total
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
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	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	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	0	8	8
	Total:	0	41	41	

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 28 con 4 ON ***Well ID:*** 1502205	ESE/27.2	0.00	19
2	WWIS		lot 27 con 4 ON ***Well ID:*** 1502203	N/98.3	1.00	21
3	WWIS		lot 28 con 5 ON ***Well ID:*** 1502276	ESE/106.7	-0.31	23
4	GEN	ABLOOM LANDSCAPE CONTRACTOR INC.	5224 KING HWY. #31 GLOUCESTER ON K1X 1H2	N/131.4	0.99	26
4	GEN	ABLOOM LANDSCAPE CONTRACTOR INC.	5224 KING'S HWY. #31 GLOUCESTER ON K1X 1H2	N/131.4	0.99	27
5	WWIS		lot 28 con 5 ON ***Well ID:*** 1502274	ESE/143.7	-1.00	27
6	BORE		ON	NW/151.2	0.14	29
7	BORE		ON	NE/172.6	1.08	30
8	EHS		Bank Street And Mitch Owens Ottawa ON	SE/207.5	-1.92	32
9	WWIS		lot 28 con 5 ON ***Well ID:*** 1516460	ESE/219.5	-2.00	32
10	EHS		5305 Bank St Ottawa ON K1X1H2	SE/222.0	-1.97	35
11	SPL		5227 Bank St, Gloucester Ottawa ON	NE/224.3	2.00	35

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	BORE		ON	NE/235.8	2.00	35
12	WWIS		lot 27 con 5 ON ***Well ID:*** 1502268	NE/235.8	2.00	36
13	EHS		5224 Bank Street Ottawa ON K1X 1H2	WNW/238.9	-1.08	38
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	39
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON	WNW/238.9	-1.08	39
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON	WNW/238.9	-1.08	39
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON	WNW/238.9	-1.08	40
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	40
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON	WNW/238.9	-1.08	41
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	41
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	42
13	GEN	Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	42
13	GEN	Grandor lumber inc main office	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	GEN	Grandor lumber inc main office	5224 Bank street Ottawa ON K1X 1H2	WNW/238.9	-1.08	43
14	GEN	Barry Daley	5315 Bank Street Ottawa ON	SE/242.6	-1.92	43
14	GEN	Barry Daley	5315 Bank Street Ottawa ON	SE/242.6	-1.92	44
14	GEN	Barry Daley	5315 Bank Street Ottawa ON	SE/242.6	-1.92	44
15	BORE		ON	SE/244.8	-1.92	44
15	WWIS		lot 28 con 5 ON ***Well ID:*** 1502272	SE/244.8	-1.92	45
16	GEN	WALLACE SERVICE CENTER INC.	5217 BANK ST GLOUCESTER ON K1X 1H2	NNE/246.2	2.31	48
16	GEN	WALLACE SERVICE CENTRE	5217 BANK ST. GLOUCESTER ON	NNE/246.2	2.31	48
16	GEN	Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE/246.2	2.31	48
16	GEN	Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE/246.2	2.31	48
16	GEN	WALLACE SERVICE CENTRE	5217 BANK ST. GLOUCESTER ON K1X 1H2	NNE/246.2	2.31	49
16	GEN	Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE/246.2	2.31	49
16	GEN	Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE/246.2	2.31	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	SPL	AUTOBODY SHOP	5217 BANK STREET GLOUCESTER CITY ON	NNE/246.2	2.31	50
16	SPL	MOTOR VEHICLE REPAIR SHOP	5217 BANK STREET OTTAWA CITY ON	NNE/246.2	2.31	50
17	WWIS		lot 27 con 4 ON ***Well ID:*** 1502204	NNW/247.0	1.14	51

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NW	151.19	6
	ON	NE	172.64	7
	ON	NE	235.82	12

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	SE	244.83	15

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2019 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Bank Street And Mitch Owens Ottawa ON	SE	207.47	8
	5305 Bank St Ottawa ON K1X1H2	SE	221.97	10
	5224 Bank Street Ottawa ON K1X 1H2	WNW	238.93	13

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 23 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ABLOOM LANDSCAPE CONTRACTOR INC.	5224 KING'S HWY. #31 GLOUCESTER ON K1X 1H2	N	131.37	4
ABLOOM LANDSCAPE CONTRACTOR INC.	5224 KING HWY. #31 GLOUCESTER ON K1X 1H2	N	131.37	4
WALLACE SERVICE CENTRE	5217 BANK ST. GLOUCESTER ON	NNE	246.24	16
Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE	246.24	16
Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE	246.24	16
Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE	246.24	16
WALLACE SERVICE CENTRE	5217 BANK ST. GLOUCESTER ON K1X 1H2	NNE	246.24	16
WALLACE SERVICE CENTER INC.	5217 BANK ST GLOUCESTER ON K1X 1H2	NNE	246.24	16
Wallace Service Centre	5217 Bank St Ottawa ON K1X 1H2	NNE	246.24	16

Lower Elevation	Address	Direction	Distance (m)	Map Key
Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13

Grandor lumber inc	5224 Bank street Ottawa ON	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Grandor lumber inc	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Grandor lumber inc main office	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Grandor lumber inc main office	5224 Bank street Ottawa ON K1X 1H2	WNW	238.93	13
Barry Daley	5315 Bank Street Ottawa ON	SE	242.60	14
Barry Daley	5315 Bank Street Ottawa ON	SE	242.60	14
Barry Daley	5315 Bank Street Ottawa ON	SE	242.60	14

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	5227 Bank St, Gloucester Ottawa ON	NE	224.35	11
MOTOR VEHICLE REPAIR SHOP	5217 BANK STREET OTTAWA CITY ON	NNE	246.24	16
AUTOBODY SHOP	5217 BANK STREET GLOUCESTER CITY ON	NNE	246.24	16

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 8 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 28 con 4 ON ***Well ID:*** 1502205	ESE	27.18	1
	lot 27 con 4 ON ***Well ID:*** 1502203	N	98.33	2
	lot 27 con 5 ON ***Well ID:*** 1502268	NE	235.82	12
	lot 27 con 4 ON ***Well ID:*** 1502204	NNW	247.02	17

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 28 con 5 ON	ESE	106.73	3

Well ID: 1502276

lot 28 con 5 ON	ESE	143.71	**5**

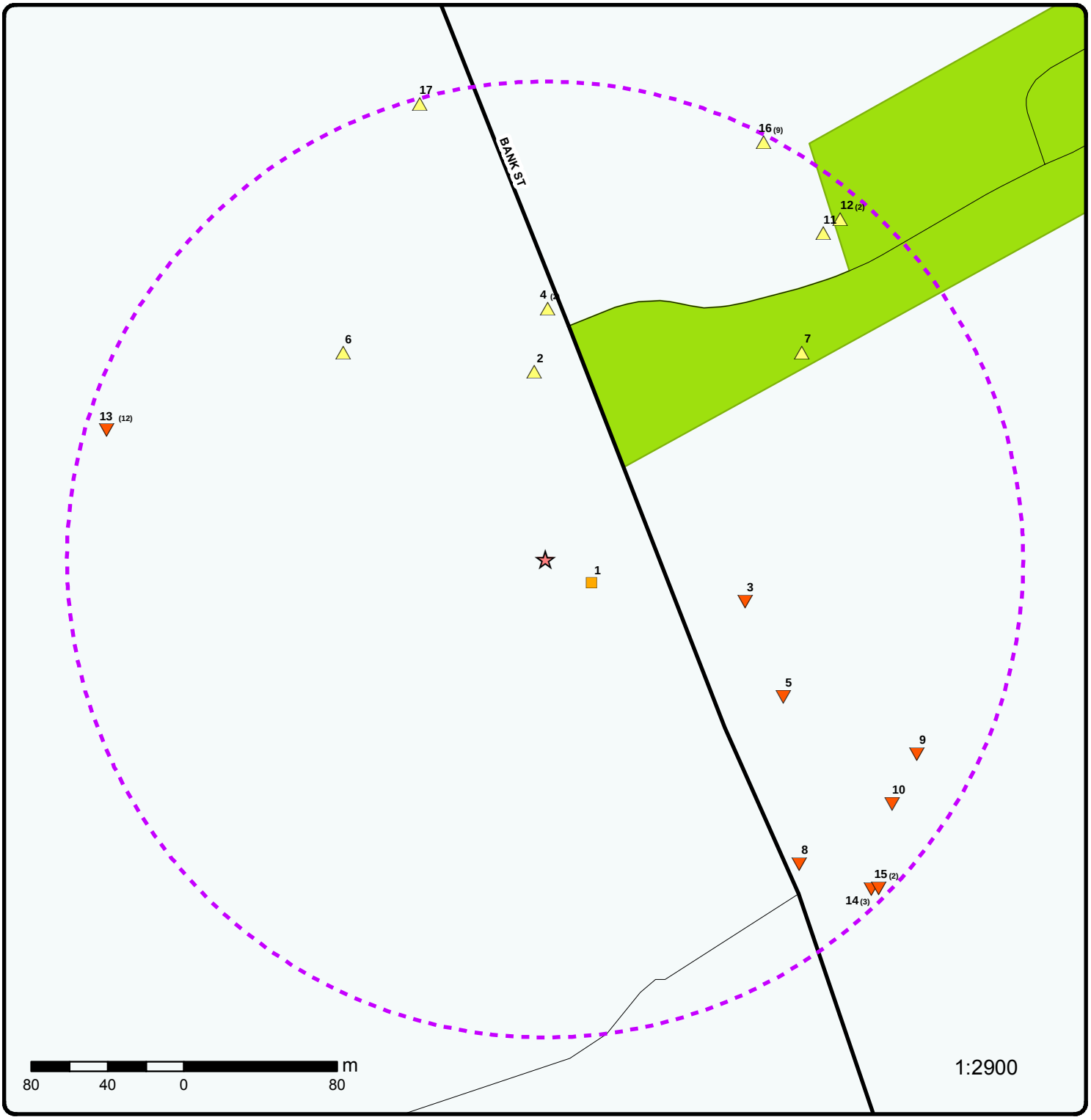
Well ID: 1502274

lot 28 con 5 ON	ESE	219.52	**9**

Well ID: 1516460

lot 28 con 5 ON	SE	244.83	**15**

Well ID: 1502272



Map : 0.25 Kilometer Radius

Order No: 20190910076

Address: 5254 bank street ottawa, Gloucester, ON, K1X 1H2

ENVIRONMENTAL RISK INFORMATION SERVICES

- 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.

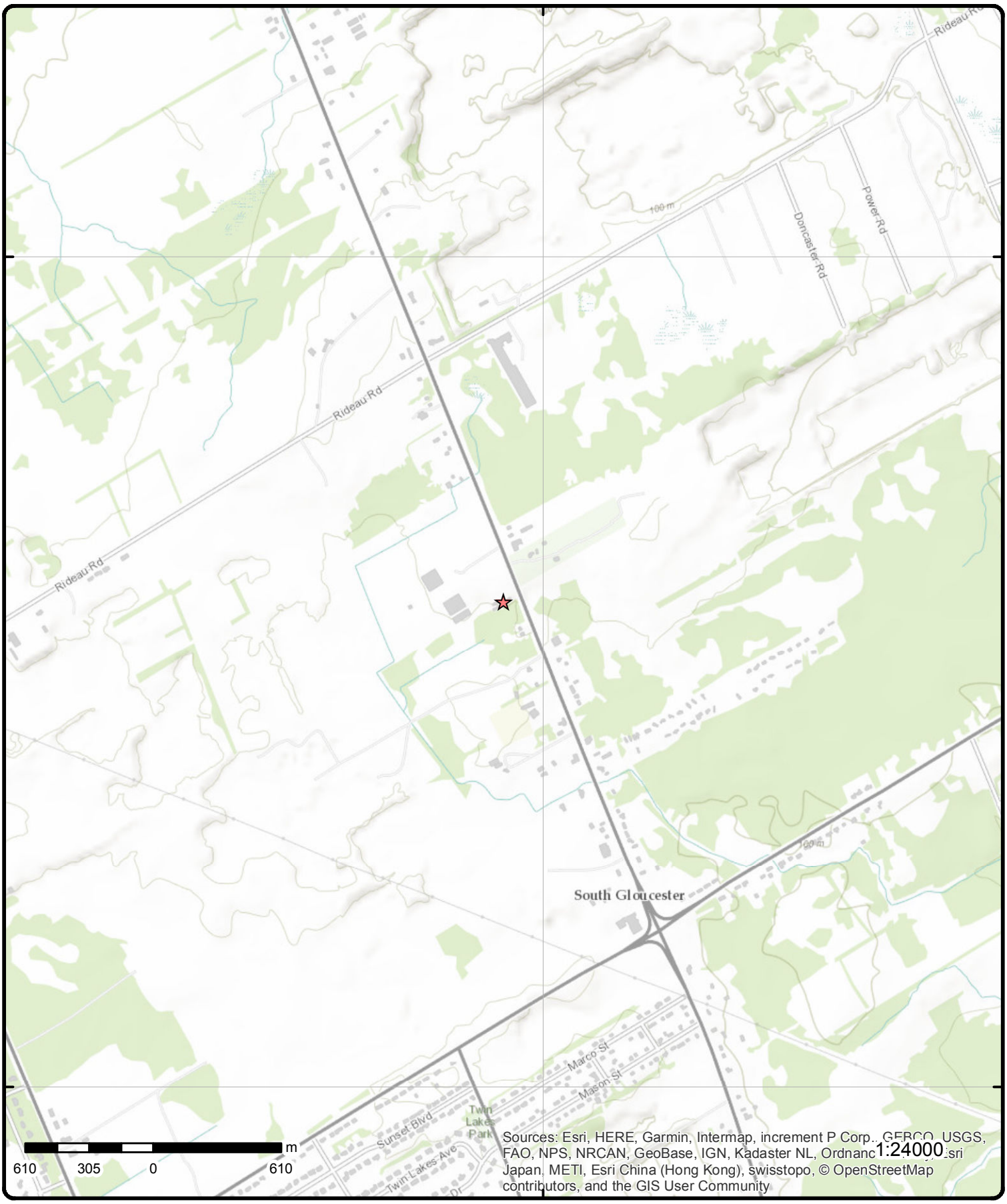
Aerial (2017)

Address: 5254 bank street ottawa, Gloucester, ON, K1X 1H2

Source: ESRI World Imagery

Order No: 20190910076

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 5254 bank street ottawa, Gloucester, ON, K1X 1H2

Source: ESRI World Topographic Map

Order No: 20190910076

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ESE/27.2	109.9 / 0.00	lot 28 con 4 ON	WWIS

Well ID:	1502205	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	3/4/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1505
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:**	028
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	RF
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:	10024248	**Elevation:**	112.634048
DP2BR:	6	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	454800.8
Code OB Desc:	Bedrock	**North83:**	5015272
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/14/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993914
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Other Materials:	CLAY
Mat3:	09

Other Materials: MEDIUM SAND
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993915
Layer: 2
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 163
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10572818
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041278
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930041279
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 163
Casing Diameter: 5
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:	991502205
Pump Set At:	
Static Level:	8
Final Level After Pumping:	42
Recommended Pump Depth:	
Pumping Rate:	13
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933454953
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	155
Water Found Depth UOM:	ft

2	***1 of 1***	***N/98.3***	***110.9 / 1.00***	***lot 27 con 4 ON***	***WWIS***

Well ID:	1502203	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/9/1957
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
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:***	027
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	RF
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:	10024246	***Elevation:***	117.085037
DP2BR:	6	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	454770.8
Code OB Desc:	Bedrock	***North83:***	5015382
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/9/1956	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

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

Overburden and Bedrock Materials Interval

Formation ID: 930993911
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993910
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10572816
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041274
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 9
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930041275
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502203
Pump Set At:
Static Level: 8
Final Level After Pumping: 8
Recommended Pump Depth:
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933454951
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48
Water Found Depth UOM: ft

3	1 of 1	ESE/106.7	109.6 / -0.31	lot 28 con 5 ON	WWIS

Well ID: 1502276
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 12/14/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1503
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028

Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	RF
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:	10024319	***Elevation:***	111.478889
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	454880.8
Code OB Desc:	Bedrock	***North83:***	5015262
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/24/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930994099
Layer:	4
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	100
Formation End Depth:	137
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994097
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	90
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994098
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	21
Other Materials:	GRANITE
Mat3:	
Other Materials:	
Formation Top Depth:	90
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994096
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10572889
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041418
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041419

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	137
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502276
Pump Set At:	
Static Level:	50
Final Level After Pumping:	94
Recommended Pump Depth:	120
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
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

Water Details

Water ID:	933455052
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	135
Water Found Depth UOM:	ft

Water Details

Water ID:	933455051
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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4 | ***1 of 2*** | ***N/131.4*** | ***110.9 / 0.99*** | ***ABLOOM LANDSCAPE CONTRACTOR INC.***
5224 KING HWY. #31
GLOUCESTER ON K1X 1H2 | ***GEN***

Generator No:	ON1880171	**PO Box No:**	
Status:		**Country:**	
Approval Years:	02	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

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

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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4 | **2 of 2** | **N/131.4** | **110.9 / 0.99** | **ABLOOM LANDSCAPE CONTRACTOR INC.**
5224 KING'S HWY. #31
GLOUCESTER ON K1X 1H2 | **GEN**

Generator No: ON1880171
Status:
Approval Years: 03,04,05
Contam. Facility:
MHSW Facility:
SIC Code: 561730
SIC Description: Landscaping Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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5 | **1 of 1** | **ESE/143.7** | **108.9 / -1.00** | **lot 28 con 5**
ON | **WWIS**

Well ID: 1502274
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/5/1960
Selected Flag: Yes
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession: 05
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10024317
DP2BR: 4
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/2/1960
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation: 110.462249
Elevrc:
Zone: 18
East83: 454900.8
North83: 5015212
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930994094
Layer:	2
Color:	2
General Color:	GREY
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	4
Formation End Depth:	36
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994093
Layer:	1
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10572887
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041415
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	36
Casing Diameter:	4
Casing Diameter UOM:	inch

Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041414
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	4
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502274
Pump Set At:	
Static Level:	10
Final Level After Pumping:	26
Recommended Pump Depth:	24
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	4
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:	933455049
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36
Water Found Depth UOM:	ft

6 ***1 of 1*** ***NW/151.2*** ***110.0 / 0.14*** ***ON*** ***BORE***

Borehole ID:	614630	***Inclin FLG:***	No
OGF ID:	215515576	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	1.5	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.290567
Total Depth m:	-999	***Longitude DD:***	-75.578062
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	454671
Drill Method:		***Northing:***	5015392
Orig Ground Elev m:	114	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	115		
Concession:			

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218398899	***Mat Consistency:***	
Top Depth:	2.4	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. WATER STABLE AT 370.0 FEET.FEET.VELOCITY = 12300. BEDROCK. SEISMIC VELOCITY = 1 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218398898	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 071380 NTS_Sheet: 31G05A		
Confiden 1:	Reliable information but incomplete.		

Source List

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

7	***1 of 1***	***NE/172.6***	***111.0 / 1.08***	***ON***	***BORE***

Borehole ID:	614629	***Inclin FLG:***	No
OGF ID:	215515575	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	8.8	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.290583
Total Depth m:	-999	***Longitude DD:***	-75.575001

Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	454911
Drill Method:		***Northing:***	5015392
Orig Ground Elev m:	115	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	117		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218398895	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILT.		

Geology Stratum ID:	218398896	***Mat Consistency:***	
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	28.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK.		

Geology Stratum ID:	218398897	***Mat Consistency:***	
Top Depth:	28.7	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Sandstone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. WATER STABLE AT 351.0 FEET.VELOCITY = 12300. BEDROCK. SEISMIC VELOCITY = 16500.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 071370 NTS_Sheet: 31G05A		
Confiden 1:			

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		

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

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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8 | **1 of 1** | **SE/207.5** | **108.0 / -1.92** | **Bank Street And Mitch Owens Ottawa ON** | **EHS**

Order No: 20170710049
Status: C
Report Type: Custom Report
Report Date: 08-AUG-17
Date Received: 10-JUL-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps; Aerial Photos

Nearest Intersection:
Municipality: City of Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.574997
Y: 45.288174

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9 | **1 of 1** | **ESE/219.5** | **107.9 / -2.00** | **lot 28 con 5 ON** | **WWIS**

Well ID: 1516460
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/17/1978
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession: 05
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10038376
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/28/1978
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 109.267738
Elevrc:
Zone: 18
East83: 454970.8
North83: 5015182
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931032205
Layer: 2

Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	135
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032204
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10586946
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067446
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930067445
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:
Depth To: 24
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991516460
Pump Set At:
Static Level: 10
Final Level After Pumping: 50
Recommended Pump Depth: 60
Pumping Rate: 9
Flowing Rate:
Recommended Pump Rate: 5
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: 934899401
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641916
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101945
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380408
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933472771
Layer: 1

Kind Code: 1
Kind: FRESH
Water Found Depth: 128
Water Found Depth UOM: ft

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10 | **1 of 1** | **SE/222.0** | **107.9 / -1.97** | **5305 Bank St Ottawa ON K1X1H2** | **EHS**

Order No: 20131010024
Status: C
Report Type: Standard Report
Report Date: 22-OCT-13
Date Received: 10-OCT-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.574379
Y: 45.288462

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11 | **1 of 1** | **NE/224.3** | **111.9 / 2.00** | **5227 Bank St, Gloucester Ottawa ON** | **SPL**

Ref No: 0468-7UCJMU
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code:
Contaminant Name: FURNACE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
MOE Response: Not MOE mandate
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/27/2009
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: Milar Homestead<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: FSB: farm house had furnace removed, oil remains in bsmt
Contaminant Qty: 0 other - see incident description

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Primary Assessment of Incident
Source Type:

---

12 | **1 of 2** | **NE/235.8** | **111.9 / 2.00** | **ON** | **BORE**

Borehole ID: 614634
OGF ID: 215515580
Status:
Type: Borehole
Use:
Completion Date: NOV-1961
Static Water Level: -112.0
Primary Water Use:
Sec. Water Use:
Total Depth m: 119
Depth Ref: Ground Surface
Depth Elev:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.291214
Longitude DD: -75.574753
UTM Zone: 18
Easting: 454931

Drill Method:		**Northing:**	5015462
Orig Ground Elev m:	0	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	118		
Concession:			
Location D:			
Survey D:			
Comments:			

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07142 NTS_Sheet:		
Confiden 1:			

Source List

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

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12 | ***2 of 2*** | ***NE/235.8*** | ***111.9 / 2.00*** | ***lot 27 con 5 ON*** | ***WWIS***

Well ID:	1502268	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	12/1/1961
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3002
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:**	027
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	RF
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:	10024311	**Elevation:**	118.498313
DP2BR:	63	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	454930.8
Code OB Desc:	Bedrock	**North83:**	5015462
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5

Date Completed: 11/8/1961
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930994079
Layer: 1
Color:
General Color:
Mat1: 24
Most Common Material: PREV. DRILLED
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930994080
Layer: 2
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 63
Formation End Depth: 170
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10572881
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041402
Layer: 2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	170
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041401
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	63
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502268
Pump Set At:	
Static Level:	50
Final Level After Pumping:	165
Recommended Pump Depth:	160
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	4
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:	933455040
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	146
Water Found Depth UOM:	ft

Water Details

Water ID:	933455039
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	92
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 12	WNW/238.9	108.8 / -1.08	5224 Bank Street Ottawa ON K1X 1H2	EHS

Order No:	20101122005	**Nearest Intersection:**	Rideau Rd & Bank St
Status:	C	**Municipality:**	

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

Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11/30/2010	**Search Radius (km):**	0.25
Date Received:	11/22/2010 10:03:59 AM	**X:**	-75.579429
Previous Site Name:		**Y:**	45.281167
Lot/Building Size:	43.32 acres		
Additional Info Ordered:			

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13 **2 of 12** **WNW/238.9** **108.8 / -1.08** **Grandor lumber inc** **GEN**
5224 Bank street
Ottawa ON K1X 1H2

Generator No:	ON3962586	**PO Box No:**	
Status:		**Country:**	
Approval Years:	07,08	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	416310 418990		
SIC Description:	General-Line Building Supplies Wholesaler-Distributors, All Other Wholesaler-Distributors		

Detail(s)

Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

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13 **3 of 12** **WNW/238.9** **108.8 / -1.08** **Grandor lumber inc** **GEN**
5224 Bank street
Ottawa ON

Generator No:	ON3962586	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	416310, 418990		
SIC Description:	General-Line Building Supplies Wholesaler-Distributors, All Other Wholesaler-Distributors		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

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13 **4 of 12** **WNW/238.9** **108.8 / -1.08** **Grandor lumber inc** **GEN**
5224 Bank street
Ottawa ON

Generator No:	ON3962586	**PO Box No:**	

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

Status: **Country:**
Approval Years: 2010 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 416310, 418990
SIC Description: General-Line Building Supplies Wholesaler-Distributors, All Other Wholesaler-Distributors

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

13	5 of 12	WNW/238.9	108.8 / -1.08	**Grandor lumber inc** **5224 Bank street** **Ottawa ON**	GEN

Generator No: ON3962586 **PO Box No:**
Status: **Country:**
Approval Years: 2011 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 416310, 418990
SIC Description: General-Line Building Supplies Wholesaler-Distributors, All Other Wholesaler-Distributors

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

13	6 of 12	WNW/238.9	108.8 / -1.08	**Grandor lumber inc** **5224 Bank street** **Ottawa ON K1X 1H2**	GEN

Generator No: ON3962586 **PO Box No:**
Status: **Country:**
Approval Years: 2012 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 416310, 418990
SIC Description: General-Line Building Supplies Wholesaler-Distributors, All Other Wholesaler-Distributors

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

13 **7 of 12** **WNW/238.9** **108.8 / -1.08** **Grandor lumber inc** **GEN**
5224 Bank street
Ottawa ON

Generator No: ON3962586
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 416310, 418990
SIC Description: GENERAL-LINE BUILDING SUPPLIES WHOLESALER-DISTRIBUTORS, ALL OTHER WHOLESALER-DISTRIBUTORS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

---

13 **8 of 12** **WNW/238.9** **108.8 / -1.08** **Grandor lumber inc** **GEN**
5224 Bank street
Ottawa ON K1X 1H2

Generator No: ON3962586
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 416310, 418990
SIC Description: GENERAL-LINE BUILDING SUPPLIES WHOLESALER-DISTRIBUTORS, ALL OTHER WHOLESALER-DISTRIBUTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Milan Oppelt
Phone No Admin: 613-822-3390 Ext.

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

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

Waste Class Desc: WASTE OILS & LUBRICANTS

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13 | **9 of 12** | **WNW/238.9** | **108.8 / -1.08** | **Grandor lumber inc**
5224 Bank street
Ottawa ON K1X 1H2 | **GEN**

Generator No: ON3962586
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 416310, 418990
SIC Description: GENERAL-LINE BUILDING SUPPLIES WHOLESALER-DISTRIBUTORS, ALL OTHER WHOLESALER-DISTRIBUTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Claude Taillefer
Phone No Admin: 613-822-3390 Ext.

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

---

13 | **10 of 12** | **WNW/238.9** | **108.8 / -1.08** | **Grandor lumber inc**
5224 Bank street
Ottawa ON K1X 1H2 | **GEN**

Generator No: ON3962586
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 416310, 418990
SIC Description: GENERAL-LINE BUILDING SUPPLIES WHOLESALER-DISTRIBUTORS, ALL OTHER WHOLESALER-DISTRIBUTORS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Claude Taillefer
Phone No Admin: 613-822-3390 Ext.

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

---

13 | **11 of 12** | **WNW/238.9** | **108.8 / -1.08** | **Grandor lumber inc main office**
5224 Bank street
Ottawa ON K1X 1H2 | **GEN**

Generator No: ON3962586
Status: Registered

PO Box No:
Country: Canada

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

Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 211 I
Waste Class Desc: Aromatic solvents and residues

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

---

13 | ***12 of 12*** | ***WNW/238.9*** | ***108.8 / -1.08*** | ***Grandor lumber inc main office***
5224 Bank street
Ottawa ON K1X 1H2 | ***GEN***

Generator No: ON3962586
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 211 I
Waste Class Desc: Aromatic solvents and residues

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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14 | ***1 of 3*** | ***SE/242.6*** | ***108.0 / -1.92*** | ***Barry Daley***
5315 Bank Street
Ottawa ON | ***GEN***

Generator No: ON5904624
Status:
Approval Years: 06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 337123
SIC Description: Other Wood Household Furniture Manufacturing
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	2 of 3	SE/242.6	108.0 / -1.92	Barry Daley 5315 Bank Street Ottawa ON	GEN

Generator No: ON5904624
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 337123
SIC Description: Other Wood Household Furniture Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	3 of 3	SE/242.6	108.0 / -1.92	Barry Daley 5315 Bank Street Ottawa ON	GEN

Generator No: ON5904624
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 337123
SIC Description: Other Wood Household Furniture Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 2	SE/244.8	108.0 / -1.92	ON	BORE

Borehole ID: 614617
OGF ID: 215515563
Status:
Type: Borehole
Use:
Completion Date: OCT-1958
Static Water Level: 3.4
Primary Water Use:
Sec. Water Use:
Total Depth m: 15.2
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 110
Elev Reliabil Note:
DEM Ground Elev m: 109
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.288065
Longitude DD: -75.574466
UTM Zone: 18
Easting: 454951
Northing: 5015112
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID:	218398865	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218398866	**Mat Consistency:**	
Top Depth:	3.7	**Material Moisture:**	
Bottom Depth:	15.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00050E AT 351.0 FEET.00048ROCK. VELOCITY = 5700. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07125 NTS_Sheet:		
Confiden 1:			

Source List

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

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15 | ***2 of 2*** | ***SE/244.8*** | ***108.0 / -1.92*** | ***lot 28 con 5 ON*** | ***WWIS***

Well ID:	1502272	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/19/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
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:**	028
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	RF
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:	10024315	***Elevation:***	109.22113
DP2BR:	12	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	454950.8
Code OB Desc:	Bedrock	***North83:***	5015112
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/28/1958	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930994088
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994089
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Other Method Construction:

Pipe Information

Pipe ID: 10572885
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041410
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930041411
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502272
Pump Set At:
Static Level: 8
Final Level After Pumping: 14
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933455047
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 9	NNE/246.2	112.2 / 2.31	WALLACE SERVICE CENTER INC. 5217 BANK ST GLOUCESTER ON K1X 1H2	GEN

Generator No: ON7624268
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	2 of 9	NNE/246.2	112.2 / 2.31	WALLACE SERVICE CENTRE 5217 BANK ST. GLOUCESTER ON	GEN

Generator No: ON8201957
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 811111
SIC Description: GENERAL AUTOMOTIVE REPAIR

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	3 of 9	NNE/246.2	112.2 / 2.31	Wallace Service Centre 5217 Bank St Ottawa ON K1X 1H2	GEN

Generator No: ON6251700
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 811111
SIC Description: GENERAL AUTOMOTIVE REPAIR

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	4 of 9	NNE/246.2	112.2 / 2.31	Wallace Service Centre 5217 Bank St Ottawa ON K1X 1H2	GEN

Generator No: ON6251700
Status:
Approval Years: 2016

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL

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

Contam. Facility: No
MHSW Facility: No
SIC Code: 811111
SIC Description: GENERAL AUTOMOTIVE REPAIR

Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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16 **5 of 9** **NNE/246.2** **112.2 / 2.31**

WALLACE SERVICE CENTRE
5217 BANK ST.
GLOUCESTER ON K1X 1H2

GEN

Generator No: ON8201957
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 811111
SIC Description: GENERAL AUTOMOTIVE REPAIR

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: TODD WALLACE
Phone No Admin: 613-822-6180 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

---

16 **6 of 9** **NNE/246.2** **112.2 / 2.31**

Wallace Service Centre
5217 Bank St
Ottawa ON K1X 1H2

GEN

Generator No: ON6251700
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

---

16 **7 of 9** **NNE/246.2** **112.2 / 2.31**

Wallace Service Centre
5217 Bank St
Ottawa ON K1X 1H2

GEN

Generator No: ON6251700
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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16 ***8 of 9*** ***NNE/246.2*** ***112.2 / 2.31*** ***AUTOBODY SHOP*** ***SPL***
5217 BANK STREET
GLOUCESTER CITY ON

Ref No:	116913	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/9/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20105
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	GLOUCESTER BYLAW
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/9/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	INTENTIONAL/PLANNED	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	AUTOBODY SHOP: OPERATING FLUIDS BEING DUMPED ON GROUND AND IN DITCH.		
Contaminant Qty:			

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16 ***9 of 9*** ***NNE/246.2*** ***112.2 / 2.31*** ***MOTOR VEHICLE REPAIR SHOP*** ***SPL***
5217 BANK STREET
OTTAWA CITY ON

Ref No:	121744	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/12/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PROCESS UPSET	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:	Multi Media Pollution	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MCCR
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/13/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	

Incident Reason: EQUIPMENT FAILURE
Source Type:
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: MV REPAIR SHOP- 136L FUELOIL TO GARAGE FLOOR. CONTAINED CLEANING.
Contaminant Qty:

---

17 | **1 of 1** | **NNW/247.0** | **111.0 / 1.14** | **lot 27 con 4 ON** | **WWIS**

Well ID: 1502204
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/8/1959
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 027
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10024247
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/30/1959
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 114.717605
Elevrc:
Zone: 18
East83: 454710.8
North83: 5015522
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930993912
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993913
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 50
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10572817
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041276
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930041277
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991502204
Pump Set At:	
Static Level:	8
Final Level After Pumping:	8
Recommended Pump Depth:	8
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
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:	933454952
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

Unplottable Summary

Total: 53 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AGR	R.W. Tomlinson Limited	Lot Pt 26 & 27, Con V Lot Pt 26 & 27, Con V	GLOUCESTER ON	
AGR	Giust Construction Ltd.	Lot W 1/2 27, Con IV RF Lot W 1/2 27, Con IV RF	GLOUCESTER ON	
AGR	R. W. TOMLINSON LIMITED	Lot 28, 29, Con 5	GLOUCESTER ON	
AGR	R. W. TOMLINSON LIMITED	Lot N 1/2 28, Con V	GLOUCESTER ON	
AGR	R.W. Tomlinson Limited	Lot N 1/2 28, Con V Lot N 1/2 28, Con V	GLOUCESTER ON	
AGR	R. W. TOMLINSON LIMITED	Lot Pt 26 & 27, Con V	GLOUCESTER ON	
AGR	R.W. Tomlinson Limited	Lot 28, 29, Con 5 Lot 28, 29, Con 5	GLOUCESTER ON	
AGR	Pomerleau Sand & Gravel Inc.	Lot Pt 27, Con IV	GLOUCESTER ON	
AGR	LAFARGE CANADA INC.	Lot Pt S 1/2 27, Con V	GLOUCESTER ON	
AGR	R. W. TOMLINSON LIMITED	Lot W 1/2 27, Con IV RF	GLOUCESTER ON	
AGR	Newcastle Developments Inc.	Lot 28, Con IV RF	GLOUCESTER ON	
AGR	Giust Construction Ltd.	W 1/2 Lot 27, Con IV RF	GLOUCESTER ON	
CA	THE DOUGLAS MACDONALD DEV. CORP.	COMMERCIAL PLAZA BANK STREET	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.-PLAZA	EASEMENT-BANK STREET	OTTAWA CITY ON	
CA	CITY	BANK ST.	GLOUCESTER CITY ON	
CA	OSSORY CANADA INC.	PRIVATE BLDG. BANK ST.	OTTAWA CITY ON	
CA	Grandor Lumber Inc.		Ottawa ON	
CA	MACDONALD DEVELOPMENT CORP.	BANK ST.	OTTAWA CITY ON	

CONV	Jamie Wallace		Ottawa ON	
CONV	Taggart Construction Limited	Bank Street	South Ottawa ON	
EBR	Grandor Lumber Inc.	Ottawa K1X 1H2 Lot:27 East Half Concession:4 (RF) CITY OF OTTAWA	ON	
EBR	R. W. Tomlinson	Part Lot 28, 29 Concession 5. The site is directly south of the Rideau Road Quarry. Gloucester	ON	
EBR	Pomerleau Sand & Gravel Inc.	Part of Lot 27, Concession 4 (RF), Geographic Township of Gloucester CITY OF OTTAWA	ON	
EBR	Pomerleau Sand and Gravel Inc.	Part of Lot 27, Concession 4 (RF) CITY OF OTTAWA GLOUCESTER	ON	
EHS		Bank St	Ottawa ON	
EHS		Bank St	Ottawa ON	
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	Hydro Ottawa Ltd.	Bank St	Ottawa ON	
HINC		BANK STREET [NORTH OF MITCH OWENS ROAD]	GLOUCESTER ON	
LIMO		Lot 27 Concession 5 Ottawa	ON	
PTTW	Dibblee Construction Limited - Concord	Part Lot 27, Concession 4, Formerly City of Gloucester GLOUCESTER	ON	
SPL	Ottawa D-Squared Construction Limited	Bank St, South of Leitrim Rd	Ottawa ON	
SPL	ESSO PETROLEUM CANADA	BANK STREET SERVICE STATION	OTTAWA CITY ON	
SPL	ONTARIO HYDRO	BANK ST TRANSFORMER	GLOUCESTER CITY ON	
SPL	TRANSPORT TRUCK	BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	PIONEER PETROLEUMS LTD.	BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION	OTTAWA CITY ON	
SPL	OC TRANSPO	BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
WWIS		lot 28 con 4	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	

WWIS	lot 28 con 5	ON
WWIS	lot 28	ON
WWIS	lot 28	MANOTICK ON
WWIS	con 4	ON
WWIS	lot 27	ON
WWIS	lot 27	ON
WWIS	lot 27	ON
WWIS	lot 27	ON
WWIS	lot 27	ON
WWIS	lot 27	ON
WWIS	lot 28	ON
WWIS	lot 28	ON
WWIS	lot 28	OTTAWA ON

Unplottable Report

Site: ***R.W. Tomlinson Limited***
Lot Pt 26 & 27, Con V Lot Pt 26 & 27, Con V GLOUCESTER ON

Database: ***AGR***

ID:	4078	***Location Name:***	
Current Status:		***Licenced Area (ha):***	6.1
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	CLASS A LICENCE > 20000 TONNES	***Section:***	
Operation Type:	QUARRY	***Municipality:***	OTTAWA
Max Annual Tonnage:	350000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:	No	***District:***	Kemptville District

Site: ***Giust Construction Ltd.***
Lot W 1/2 27, Con IV RF Lot W 1/2 27, Con IV RF GLOUCESTER ON

Database: ***AGR***

ID:	4053	***Location Name:***	
Current Status:		***Licenced Area (ha):***	41.2
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	CLASS A LICENCE > 20000 TONNES	***Section:***	
Operation Type:	PIT	***Municipality:***	OTTAWA
Max Annual Tonnage:		***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:	Yes	***District:***	Kemptville District

Site: ***R. W. TOMLINSON LIMITED***
Lot 28, 29, Con 5 GLOUCESTER ON

Database: ***AGR***

ID:	600121	***Location Name:***	
Current Status:		***Licenced Area (ha):***	40
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Quarry	***Municipality:***	OTTAWA
Max Annual Tonnage:	(unlimited)	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***R. W. TOMLINSON LIMITED***
Lot N 1/2 28, Con V GLOUCESTER ON

Database: ***AGR***

ID:	4209	***Location Name:***	
Current Status:		***Licenced Area (ha):***	35.5
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Quarry	***Municipality:***	OTTAWA
Max Annual Tonnage:	1500000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***R.W. Tomlinson Limited***
Lot N 1/2 28, Con V Lot N 1/2 28, Con V GLOUCESTER ON

Database: ***AGR***

ID:	4209	***Location Name:***	
Current Status:		***Licenced Area (ha):***	35.5
Status Date:		***Extraction Area:***	

Effective Date:		***Authority Type:***	
Approval Type:	CLASS A LICENCE > 20000 TONNES	***Section:***	
Operation Type:	QUARRY	***Municipality:***	OTTAWA
Max Annual Tonnage:	1500000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:	No	***District:***	Kemptville District

Site: ***R. W. TOMLINSON LIMITED***
Lot Pt 26 & 27, Con V GLOUCESTER ON

Database: ***AGR***

ID:	4078	***Location Name:***	
Current Status:		***Licenced Area (ha):***	6.1
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Quarry	***Municipality:***	OTTAWA
Max Annual Tonnage:	350000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***R.W. Tomlinson Limited***
Lot 28, 29, Con 5 Lot 28, 29, Con 5 GLOUCESTER ON

Database: ***AGR***

ID:	600121	***Location Name:***	
Current Status:		***Licenced Area (ha):***	40
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	CLASS A LICENCE > 20000 TONNES	***Section:***	
Operation Type:	QUARRY	***Municipality:***	OTTAWA
Max Annual Tonnage:	99999999	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:	Yes	***District:***	Kemptville District

Site: ***Pomerleau Sand & Gravel Inc.***
Lot Pt 27, Con IV GLOUCESTER ON

Database: ***AGR***

ID:	4311	***Location Name:***	Rideau Pit
Current Status:		***Licenced Area (ha):***	21.4
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Pit	***Municipality:***	OTTAWA
Max Annual Tonnage:	300000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***LAFARGE CANADA INC.***
Lot Pt S 1/2 27, Con V GLOUCESTER ON

Database: ***AGR***

ID:	4253	***Location Name:***	Millar Quarry
Current Status:		***Licenced Area (ha):***	26
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Quarry	***Municipality:***	OTTAWA
Max Annual Tonnage:	1500000	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***R. W. TOMLINSON LIMITED***
Lot W 1/2 27, Con IV RF GLOUCESTER ON

Database: ***AGR***

ID:	4053	***Location Name:***	O'Brien Pit
Current Status:		***Licenced Area (ha):***	35.9
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	

Operation Type:	Pit	***Municipality:***	OTTAWA
Max Annual Tonnage:	(unlimited)	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***Newcastle Developments Inc.***
Lot 28, Con IV RF GLOUCESTER ON

Database: ***AGR***

ID:	4064	***Location Name:***	
Current Status:		***Licenced Area (ha):***	83.3
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	Class A Licence	***Section:***	
Operation Type:	Pit	***Municipality:***	OTTAWA
Max Annual Tonnage:	(unlimited)	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	

Site: ***Giust Construction Ltd.***
W 1/2 Lot 27, Con IV RF GLOUCESTER ON

Database: ***AGR***

ID:	4053	***Location Name:***	
Current Status:		***Licenced Area (ha):***	41.2
Status Date:		***Extraction Area:***	
Effective Date:		***Authority Type:***	
Approval Type:	CLASS A LICENCE	***Section:***	
Operation Type:	Pit	***Municipality:***	OTTAWA
Max Annual Tonnage:	Unlimited	***County:***	OTTAWA-CARLETON R
Unlimited Tonnage:		***District:***	Kemptville District

Site: ***THE DOUGLAS MACDONALD DEV. CORP.***
COMMERCIAL PLAZA BANK STREET OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-1304-86-
Application Year:	86
Issue Date:	10/28/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MACDONALD DEVELOPMENT CORP.-PLAZA***
EASEMENT-BANK STREET OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1864-86-
Application Year:	86
Issue Date:	12/19/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***CITY***
BANK ST. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0859-85-006
Application Year: 85
Issue Date: 8/1/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OSSORY CANADA INC.***
PRIVATE BLDG. BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0515-87-
Application Year: 87
Issue Date: 4/23/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Grandor Lumber Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 0613-6R7MHP
Application Year: 2006
Issue Date: 7/5/2006
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MACDONALD DEVELOPMENT CORP.***
BANK ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1072-88-
Application Year: 88
Issue Date: 9/28/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***Jamie Wallace***
Ottawa ON

Database: ***CONV***

File No: 101903
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: On September 16, 2010, Jamie Wallace pleaded guilty to one violation under the Environmental Protection Act for submitting false or misleading information in connection to the Drive Clean Program. The Court heard that Mr. Wallace is a resident of Ottawa and that he was engaged in the practice of 'clean piping,' that is, entering the information for one vehicle into the emissions testing equipment but actually testing another vehicle. This false information is then transmitted electronically to the MOE and the Ministry of Transportation uses the information to register motor vehicles. On March 03, 2009 these violations came to the attention of the MOE as a result of a complaint. Mr. Wallace was charged following an investigation by the ministry's Investigations and Enforcement Branch. Mr. Wallace was fined $5,000 plus a victim fine surcharge and was given one year to pay the fine.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section:
Act/Regulation/Section: EPA
Date of Offence:
Date of Conviction:
Date Charged: September 16, 2010
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***Taggart Construction Limited***
Bank Street South Ottawa ON

Database: ***CONV***

File No: 010503
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: On December 3, 2009, Taggart Construction Limited pleaded guilty to one violation under the Ontario Water Resources Act for failing to comply with a Provincial Officer Order to submit weekly water taking records showing daily water taking volumes. The company was contracted to install municipal services for the Findlay Creek Subdivision located on Bank Street in South Ottawa. A ministry inspection of the construction site in the fall of 2007 revealed concerns with water taking activities and a Provincial Officer Order was issued. One of the requirements of the Order, related to keeping accurate water taking records and submitting them to the ministry, was not complied with. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch and was fined $5,000 plus victim fine surcharge. The company was given 30 days to pay the

fine.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: Provincial Officer Order
Regulation:
Section:
Act/Regulation/Section: Provincial Officer Order
Date of Offence:
Date of Conviction:
Date Charged: December 3, 2009
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***Grandor Lumber Inc.***
Ottawa K1X 1H2 Lot:27 East Half Concession:4 (RF) CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-3687
Ministry Ref No: 2320-9QYMDU
Notice Type: Instrument Decision
Notice Stage: 822596479
Notice Date: June 28, 2016
Proposal Date: March 05, 2015
Year: 2015
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: Grandor Lumber Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5224 Bank Street, Ottawa Ontario, Canada K1X 1H2
Comment Period:
URL:

Site Location Details:

Ottawa K1X 1H2 Lot:27 East Half Concession:4 (RF) CITY OF OTTAWA

Site: ***R. W. Tomlinson***
Part Lot 28, 29 Concession 5. The site is directly south of the Rideau Road Quarry. Gloucester ON

Database: ***EBR***

EBR Registry No: IB04E3031
Ministry Ref No: FSD - KEM 02/04
Notice Type: Instrument Decision
Notice Stage: 803007065
Notice Date: September 18, 2006
Proposal Date: April 19, 2004
Year: 2004
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (ARA s. 7 (2) (a)) - Issuance of a Class A licence to remove more than 20,000 tonnes of aggregate annually from a pit or a quarry
Off Instrument Name:
Posted By:
Company Name: R. W. Tomlinson
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Gloucester Ontario, K1G 3N4
Comment Period:
URL:

Site Location Details:

Part Lot 28, 29 Concession 5. The site is directly south of the Rideau Road Quarry. Gloucester

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Site: ***Pomerleau Sand & Gravel Inc.***
Part of Lot 27, Concession 4 (RF), Geographic Township of Gloucester CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 011-9691
Ministry Ref No: MNR INST 46/13
Notice Type: Instrument Decision
Notice Stage: 809136173
Notice Date: May 21, 2014
Proposal Date: July 24, 2013
Year: 2013
Instrument Type: (ARA s. 7 (2) (a)) - Issuance of a Class A licence to remove more than 20,000 tonnes of aggregate annually from a pit or a quarry
Off Instrument Name:
Posted By:
Company Name: Pomerleau Sand & Gravel Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5425 Boundary Road, Ottawa Ontario, Canada K4B 1P6
Comment Period:
URL:

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

Site Location Details:

Part of Lot 27, Concession 4 (RF), Geographic Township of Gloucester CITY OF OTTAWA

Site: ***Pomerleau Sand and Gravel Inc.***
Part of Lot 27, Concession 4 (RF) CITY OF OTTAWA GLOUCESTER ON

Database: ***EBR***

EBR Registry No: 012-1829
Ministry Ref No: MNR INST 34/14
Notice Type: Instrument Decision
Notice Stage: 819960634
Notice Date: September 10, 2014
Proposal Date: June 03, 2014
Year: 2014
Instrument Type: (ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan
Off Instrument Name:
Posted By:
Company Name: Pomerleau Sand and Gravel Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5425 Boundary Road, Cumberland Ontario, Canada K4B 1P6
Comment Period:
URL:

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

Site Location Details:

Part of Lot 27, Concession 4 (RF) CITY OF OTTAWA GLOUCESTER

Site:
Bank St Ottawa ON

Database: ***EHS***

Order No: 20060427021
Status: C
Report Type: Custom Report
Report Date: 5/5/2006
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25

Date Received:	4/26/2006	***X:***	-75.670288
Previous Site Name:		***Y:***	45.364953
Lot/Building Size:			
Additional Info Ordered:			

Site: ***Database:*** ***EHS***

Bank St Ottawa ON

Order No:	20031121005	***Nearest Intersection:***	See Faxed Map
Status:	C	***Municipality:***	
Report Type:	Basic Report	***Client Prov/State:***	ON
Report Date:	11/25/03	***Search Radius (km):***	0.50
Date Received:	11/21/03	***X:***	-75.654252
Previous Site Name:		***Y:***	45.363635
Lot/Building Size:			
Additional Info Ordered:			

Site: ***SPIC & SPAN-VALETOR-CASH CLEANERS*** ***Database:*** ***GEN***

BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Generator No:	ON0573413	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87,88	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	9721		
SIC Description:	POWER LAUND./CLEANERS		

Detail(s)

Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS

Site: ***Hydro Ottawa Ltd.*** ***Database:*** ***GEN***

Bank St Ottawa ON

Generator No:	ON8798860	***PO Box No:***	
Status:		***Country:***	
Approval Years:	03,04	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Site: ***Database:*** ***HINC***

BANK STREET [NORTH OF MITCH OWENS ROAD] GLOUCESTER ON

External File Num:	FS INC 0712-07599
Fuel Occurrence Type:	Discovery of a Petroleum Product
Date of Occurrence:	12/16/2007
Fuel Type Involved:	Gasoline
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Other-Specify
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Other-specify
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes
Reported Details:	Report of a nearby retail gasoline site at a construction site where contaminated soil has been disc
Fuel Category:	Unknown
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	1

Nearby body of water:	No
Enter Drainage Syst.:	No
Approx. Quant. Unit:	Liters
Environmental Impact:	product found at time of matinance on a fire hydrant. Excavation near a decommisioned service station at 5352 BANK ST, GLOUCESTER, ON K1X 1H1 equipment removed.

Site: ***Database:***
Lot 27 Concession 5 Ottawa ON ***LIMO***

ECA/Instrument No:	X9009	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:	Historic and Closed Landfills	***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:			
Site Location Details:	Lot 27 Concession 5 Ottawa		
Service Area:			
Page URL:			

Site: ***Dibblee Construction Limited - Concord*** ***Database:***
Part Lot 27, Concession 4, Formerly City of Gloucester GLOUCESTER ON ***PTTW***

EBR Registry No:	IA04E0096	***Decision Posted:***	
Ministry Ref No:	ER-8424-5URK33	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	June 22, 2004	***Act 2:***	
Proposal Date:	January 20, 2004	***Site Location Map:***	
Year:	2004		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Dibblee Construction Limited - Concord		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	7880 Keele Street, Concord Ontario, L4K 4G7		
Comment Period:			
URL:			

Site Location Details:

Part Lot 27, Concession 4, Formerly City of Gloucester GLOUCESTER

Site: ***Ottawa D-Squared Construction Limited***
Bank St, South of Leitrim Rd Ottawa ON

Database: ***SPL***

Ref No:	1488-9P3QYV	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/09/18	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Bank St, South of Leitrim Rd
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/09/18	***Site Map Datum:***	
Dt Document Closed:	2014/09/24	***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	D- Squared MVA<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	D-Squared MVA - 100L DSL and oil to asphalt, cleaning		
Contaminant Qty:	0 other - see incident description		

Site: ***ESSO PETROLEUM CANADA***
BANK STREET SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	147934	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/16/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/16/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO SERVICE STATION: 40 L GASOLINE TO GROUND		
Contaminant Qty:			

Site: ***ONTARIO HYDRO***
BANK ST TRANSFORMER GLOUCESTER CITY ON

Database: ***SPL***

Ref No:	19785	***Discharger Report:***	
Site No:		***Material Group:***	

Incident Dt:	7/9/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20105
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/11/1988	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BACKENTRY - ONTARIO HYDROTRANSFORMER OIL (AMT U/K)ON GROUND		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	88427	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/13/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FIRE DEPT
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/13/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDRAULIC OIL LEAK FROM UNIDENTIFIED TRANSPORT TRUCK TO BANK ST. BRIDGE		
Contaminant Qty:			

Site: ***PIONEER PETROLEUMS LTD.***
BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	137358	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/20/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	

Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/20/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PIONEER PETROLEUMS-4L GASOLINE TO GROUND,UNSAFESPILL RESPONSE BY STAFF.		
Contaminant Qty:			

Site: ***OC TRANSPO***
BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	223917	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/11/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/11/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SPILL OF DIESEL FUEL TO GRND, CLEAN UP CREW ON THE WAY		
Contaminant Qty:			

Site:
lot 28 con 4 ON

Database: ***WWIS***

Well ID:	1533947	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/26/2003
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1119
Casing Material:		***Form Version:***	1
Audit No:	248380	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	028
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	BF
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: 10543062
DP2BR: 41
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/25/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932924654
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924655
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 41
Formation End Depth: 86
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924656
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 86
Formation End Depth: 128
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240835
Layer: 1
Plug From: 2
Plug To: 48
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11091632
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097922
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097921
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097920
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991533947
Pump Set At:	
Static Level:	14
Final Level After Pumping:	120
Recommended Pump Depth:	120
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	12
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:	934914092
Test Type:	Recovery
Test Duration:	60
Test Level:	14
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934113071
Test Type:	Recovery
Test Duration:	15
Test Level:	14
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934396685
Test Type:	Recovery
Test Duration:	30
Test Level:	14
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656645
Test Type:	Recovery
Test Duration:	45
Test Level:	14
Test Level UOM:	ft

Water Details

Water ID:	934036783
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	123
Water Found Depth UOM:	ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1534170
Construction Date:

Data Entry Status:
Data Src: 1

Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 267012
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Date Received: 10/14/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543285
DP2BR: 39
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/29/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932925185
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 39
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932925186
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 75
Formation End Depth: 275
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932925183
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
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932925184
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 39
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933241035
Layer: 1
Plug From: 0
Plug To: 43
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11091855
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930098360

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930098361
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991534170
Pump Set At:
Static Level: 206
Final Level After Pumping: 275
Recommended Pump Depth: 150
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934657248
Test Type: Draw Down
Test Duration: 45
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397288
Test Type: Draw Down
Test Duration: 30
Test Level: 150
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934113674
Test Type: Draw Down
Test Duration: 15
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915112
Test Type: Draw Down
Test Duration: 60
Test Level: 270
Test Level UOM: ft

Water Details

Water ID: 934037109
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 268
Water Found Depth UOM: ft

Water Details

Water ID: 934037108
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 150
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1523320
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 50655
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/6/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045095
DP2BR: 32
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/14/1988
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931054199
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 17
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054201
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 32
Formation End Depth: 54
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054202
Layer: 6
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 54
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054200
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 21
Formation End Depth: 32

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054198
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 9
Formation End Depth: 17
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054197
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
Formation End Depth: 9
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10593665
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078884
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078883
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523320
Pump Set At:
Static Level: 23
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
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: 934649649
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388666
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104438
Test Type: Draw Down
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906850
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933481530
Layer: 2

Kind Code: 1
Kind: FRESH
Water Found Depth: 71
Water Found Depth UOM: ft

Water Details

Water ID: 933481529
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 53
Water Found Depth UOM: ft

Site:
lot 28 con 5 ON

Database:
WWIS

Well ID: 1533948
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 248362
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/26/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession: 05
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543063
DP2BR: 40
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/25/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932924658
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:

Mat3:
Other Materials:
Formation Top Depth: 40
Formation End Depth: 80
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924659
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 80
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924657
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 40
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240836
Layer: 1
Plug From: 0
Plug To: 44
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11091633
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097925
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097924
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097923
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533948
Pump Set At:
Static Level: 15
Final Level After Pumping: 120
Recommended Pump Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
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: 934914093
Test Type: Recovery
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656646
Test Type: Recovery

Test Duration: 45
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396686
Test Type: Recovery
Test Duration: 30
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934113072
Test Type: Recovery
Test Duration: 15
Test Level: 15
Test Level UOM: ft

Water Details

Water ID: 934036784
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 118
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1531722
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220265
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/26/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053256
DP2BR: 27
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/14/2000
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931079333
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079331
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079334
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079332
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079335
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 62
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116886
Layer: 1
Plug From: 0
Plug To: 29
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10601826
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093303
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531722
Pump Set At:
Static Level: 8

Final Level After Pumping: 24
Recommended Pump Depth: 40
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 12
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:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114543
Test Type: Draw Down
Test Duration: 15
Test Level: 18
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658678
Test Type: Draw Down
Test Duration: 45
Test Level: 22
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934916124
Test Type: Draw Down
Test Duration: 60
Test Level: 24
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397742
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933492310
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Site:
lot 28 MANOTICK ON

Database: ***WWIS***

Well ID: 7041158
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:

Data Entry Status:
Data Src:
Date Received: 2/21/2007
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 3

Audit No: Z64708
Tag: A052443
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Owner:
Street Name: 725 MERLIN COURT
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info: PLAN 4M-1261 S/L 20
Lot: 028
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11763651
DP2BR: 33
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 1/22/2007
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method:

Overburden and Bedrock Materials Interval

Formation ID: 933092916
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10.21
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933092917
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.21
Formation End Depth: 18.9
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933314587
Layer: 2
Plug From: 8.53
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933314586
Layer: 1
Plug From: 11.58
Plug To: 8.53
Plug Depth UOM: m

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11771521
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930896307
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 11.58
Depth To: 18.9
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 930896306
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0
Depth To: 12.19
Casing Diameter: 15.88
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11777571
Pump Set At: 15.24
Static Level: 2.52
Final Level After Pumping: 3.19
Recommended Pump Depth: 15.24
Pumping Rate: 91

Flowing Rate:
Recommended Pump Rate: 91
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11794678
Test Type: Recovery
Test Duration: 1
Test Level: 2.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794688
Test Type: Draw Down
Test Duration: 40
Test Level: 3.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794680
Test Type: Draw Down
Test Duration: 3
Test Level: 2.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794684
Test Type: Draw Down
Test Duration: 15
Test Level: 3.05
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794687
Test Type: Draw Down
Test Duration: 30
Test Level: 3.11
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794689
Test Type: Draw Down
Test Duration: 50
Test Level: 3.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794677
Test Type: Draw Down
Test Duration: 1

Test Level: 2.86
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794679
Test Type: Draw Down
Test Duration: 2
Test Level: 2.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794681
Test Type: Draw Down
Test Duration: 4
Test Level: 2.95
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794685
Test Type: Draw Down
Test Duration: 20
Test Level: 3.07
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794686
Test Type: Draw Down
Test Duration: 25
Test Level: 3.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794690
Test Type: Draw Down
Test Duration: 60
Test Level: 3.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794682
Test Type: Draw Down
Test Duration: 5
Test Level: 2.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11794683
Test Type: Draw Down
Test Duration: 10
Test Level: 3.02
Test Level UOM: m

Water Details

Water ID: 934084377
Layer: 1

Kind Code:
Kind:
Water Found Depth: 13.41
Water Found Depth UOM: m

Water Details

Water ID: 934084378
Layer: 2
Kind Code:
Kind:
Water Found Depth: 14.32
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11849788
Diameter: 15.23
Depth From: 0
Depth To: 18.9
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:
con 4 ON

Database: ***WWIS***

Well ID: 1517523
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/20/1981
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039395
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 2/24/1981
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID:	931035450
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	77
Other Materials:	LOOSE
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	175
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035451
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	175
Formation End Depth:	185
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035449
Layer:	1
Color:	7
General Color:	RED
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10587965
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930068901
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 184
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930068902
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 185
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991517523
Pump Set At:
Static Level: 40
Final Level After Pumping: 105
Recommended Pump Depth: 120
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934895056
Test Type: Draw Down
Test Duration: 60
Test Level: 105
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934645364
Test Type: Draw Down
Test Duration: 45
Test Level: 105
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102054
Test Type: Draw Down
Test Duration: 15
Test Level: 105
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934384288
Test Type:	Draw Down
Test Duration:	30
Test Level:	105
Test Level UOM:	ft

Water Details

Water ID:	933474010
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	184
Water Found Depth UOM:	ft

Site:
lot 27 ON

Database:
WWIS

Well ID:	1518033	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Cooling And A/C	***Date Received:***	12/13/1982
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	027
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:	10039904	***Elevation:***	
DP2BR:	15	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/29/1982	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931037131
Layer:	4
Color:	2
General Color:	GREY

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037128
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037129
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 15
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588474
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069713
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518033
Pump Set At:
Static Level: 15
Final Level After Pumping: 50
Recommended Pump Depth: 60
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
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: 934377689
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103360
Test Type: Draw Down

Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647523
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896797
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933474659
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
Water Found Depth UOM: ft

Site:
lot 27 ON

Database: ***WWIS***

Well ID: 1524742
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 80312
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/17/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 027
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046490
DP2BR: 31
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/19/1990
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931058931
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058935
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 31
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058934
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 31
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058932
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058933
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 11
Formation End Depth: 29
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10595060
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081384
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081385
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524742
Pump Set At:
Static Level: 10
Final Level After Pumping: 20
Recommended Pump Depth: 30
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 5
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: 934385338
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109929
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903074
Test Type: Draw Down
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654699
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933483472
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 45
Water Found Depth UOM: ft

Water Details

Water ID: 933483473
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 70

Water Found Depth UOM: ft

Site:
lot 27 ON

Database:
WWIS

Well ID:	1520415	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/9/1986
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3323
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:***	027
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:	10042258	***Elevation:***	
DP2BR:	18	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/4/1984	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931044690
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931044689
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
Formation End Depth: 18
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10590828
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073767
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520415
Pump Set At:
Static Level: 27
Final Level After Pumping: 60
Recommended Pump Depth: 50
Pumping Rate: 25
Flowing Rate:
Recommended Pump Rate: 10
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: 934648930
Test Type: Recovery
Test Duration: 45
Test Level: 27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386772
Test Type: Recovery
Test Duration: 30
Test Level: 27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111908
Test Type: Recovery
Test Duration: 15
Test Level: 27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905590
Test Type: Recovery
Test Duration: 60
Test Level: 27
Test Level UOM: ft

Water Details

Water ID: 933477657
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Site:
lot 27 ON

Database:
WWIS

Well ID: 1525793
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100112
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/22/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 027
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047528
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9

Date Completed: 8/20/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931062303
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 40
Formation End Depth: 73
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062304
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 73
Formation End Depth: 77
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062302
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 40
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062301
Layer: 1
Color: 6

General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10596098
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083198
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 77
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083197
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525793
Pump Set At:
Static Level: 6
Final Level After Pumping: 10
Recommended Pump Depth: 20
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 5
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: 934906944
Test Type: Draw Down
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389236
Test Type: Draw Down
Test Duration: 30
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105160
Test Type: Draw Down
Test Duration: 15
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649766
Test Type: Draw Down
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933484901
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76
Water Found Depth UOM: ft

Site:
lot 27 ON

Database:
WWIS

Well ID: 1533744
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 255805
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 5/21/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 6565
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 027
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10537578
DP2BR: 54
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 2/22/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932905631
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 54
Formation End Depth: 61
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932905632
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 61
Formation End Depth: 105
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932905630
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 14
Other Materials: HARDPAN

Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 54
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933236271
Layer: 1
Plug From: 0
Plug To: 61
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11086148
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097537
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 61
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533744
Pump Set At:
Static Level: 14
Final Level After Pumping: 20
Recommended Pump Depth: 80
Pumping Rate: 35
Flowing Rate:
Recommended Pump Rate: 6
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: 934121258
Test Type: Recovery

Test Duration: 15
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913518
Test Type: Recovery
Test Duration: 60
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396111
Test Type: Recovery
Test Duration: 30
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665391
Test Type: Recovery
Test Duration: 45
Test Level: 14
Test Level UOM: ft

Water Details

Water ID: 934031084
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 90
Water Found Depth UOM: ft

Site:
lot 27 ON

Database:
WWIS

Well ID: 1532390
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 230289
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/28/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 027
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10516840
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/17/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Annular Space/Abandonment Sealing Record

Plug ID: 933219833
Layer: 1
Plug From: 61
Plug To: 7
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11065410
Casing No: 1
Comment:
Alt Name:

Site:
lot 28 ON

Database: ***WWIS***

Well ID: 1531520
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220263
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/16/2000
Selected Flag: Yes
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053054
DP2BR: 38
Elevation:
Elevrc:

Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/3/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931078752
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 32
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078750
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078753
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 73
Other Materials: HARD
Formation Top Depth: 38
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931078751
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	11
Formation End Depth:	32
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933116691
Layer:	1
Plug From:	0
Plug To:	42
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10601624
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930092861
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531520
Pump Set At:	
Static Level:	8
Final Level After Pumping:	12
Recommended Pump Depth:	40
Pumping Rate:	40
Flowing Rate:	
Recommended Pump Rate:	15
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: 934657655
Test Type: Draw Down
Test Duration: 45
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397137
Test Type: Draw Down
Test Duration: 30
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914963
Test Type: Draw Down
Test Duration: 60
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112965
Test Type: Draw Down
Test Duration: 15
Test Level: 12
Test Level UOM: ft

Water Details

Water ID: 933491999
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1520977
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 02109
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 11/24/1986
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name:
Easting NAD83:

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042818
DP2BR: 50
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/14/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931046461
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 64
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046458
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
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046460
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 45
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046459
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10591388
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074733
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 64
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074732
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 53
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520977
Pump Set At:
Static Level: 10
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 10
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: 934389522
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650117
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907762
Test Type:
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104305
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933478402
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Site:
lot 28 OTTAWA ON

Database: ***WWIS***

Well ID: 7115356
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src:
Date Received: 11/21/2008

Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z90147
Tag: A076011
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 7
Owner:
Street Name: 5 EISEN HOWER ST.
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 028
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1001886540
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 9/16/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 439920
North83: 4918975
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1001974760
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 9.75
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001974761
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 9.75

Formation End Depth: 67.05
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001974764
Layer: 2
Plug From: 8.53
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001974763
Layer: 1
Plug From: 11.58
Plug To: 8.53
Plug Depth UOM: m

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1001974758
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001974768
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 11.58
Depth To: 67.05
Casing Diameter: 15.55
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1001974767
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.6
Depth To: 11.58
Casing Diameter: 15.88
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001974769
Layer:

Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001974759
Pump Set At: 60.95
Static Level: 4.97
Final Level After Pumping: 9.49
Recommended Pump Depth: 60.95
Pumping Rate: 75.82
Flowing Rate:
Recommended Pump Rate: 50.48
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1001974774
Test Type: Draw Down
Test Duration: 3
Test Level: 7.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974776
Test Type: Draw Down
Test Duration: 4
Test Level: 7.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974780
Test Type: Draw Down
Test Duration: 10
Test Level: 8.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974787
Test Type: Recovery
Test Duration: 25
Test Level: 5.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974790
Test Type: Draw Down
Test Duration: 40
Test Level: 9.39

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974781
Test Type: Recovery
Test Duration: 10
Test Level: 5.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974795
Test Type: Recovery
Test Duration: 60
Test Level: 4.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974789
Test Type: Recovery
Test Duration: 30
Test Level: 4.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974771
Test Type: Recovery
Test Duration: 1
Test Level: 6.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974782
Test Type: Draw Down
Test Duration: 15
Test Level: 9.02
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974779
Test Type: Recovery
Test Duration: 5
Test Level: 5.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974783
Test Type: Recovery
Test Duration: 15
Test Level: 5.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974794
Test Type: Draw Down
Test Duration: 60

Test Level: 9.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974772
Test Type: Draw Down
Test Duration: 2
Test Level: 7.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974773
Test Type: Recovery
Test Duration: 2
Test Level: 6.31
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974775
Test Type: Recovery
Test Duration: 3
Test Level: 6.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974786
Test Type: Draw Down
Test Duration: 25
Test Level: 9.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974792
Test Type: Draw Down
Test Duration: 50
Test Level: 9.45
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974793
Test Type: Recovery
Test Duration: 50
Test Level: 4.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974777
Test Type: Recovery
Test Duration: 4
Test Level: 6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974778
Test Type: Draw Down

Test Duration: 5
Test Level: 7.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974784
Test Type: Draw Down
Test Duration: 20
Test Level: 9.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974791
Test Type: Recovery
Test Duration: 40
Test Level: 4.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974770
Test Type: Draw Down
Test Duration: 1
Test Level: 6.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974785
Test Type: Recovery
Test Duration: 20
Test Level: 5.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974788
Test Type: Draw Down
Test Duration: 30
Test Level: 9.34
Test Level UOM: m

Water Details

Water ID: 1001974765
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 48.77
Water Found Depth UOM: m

Water Details

Water ID: 1001974766
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 66.14
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1001974762
Diameter:	15.55
Depth From:	0
Depth To:	67.05
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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 2018

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-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jul 31, 2019

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 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-Jul 31, 2019

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Mar 2019

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-Jul 2019

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-Aug 31, 2019

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 - Oct 2018

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-Aug 31, 2019

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-Aug 31, 2019

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-Aug 31, 2019

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-Jul 31, 2019

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

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of TSSA Expired Facilities: Provincial EXP

List of facilities and tanks - for which there was once a registration - no longer 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 from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-May 2019

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 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Jul 31, 2019

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 2017

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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: Feb 28, 2019

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-Jan 2019

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, 2017

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-Apr 2018

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, 2018

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: 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 OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2019

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-Jun 2019

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-Aug 31, 2019

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

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

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2019

TSSA Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Aug 31, 2019

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-Jul 2019

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-Jul 31, 2019

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-Feb 2019

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, 2017

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 2018

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.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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 2011-Aug 31, 2019

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: Feb 28, 2019

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 E

AERIAL PHOTOGRAPHS

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

PROJECT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
5254 BANK STREET
OTTAWA, ONTARIO

DRAWING TITLE

AERIAL PHOTOGRAPH 1945
A9610-53
SCALE 1:9000

CLIENT	DATE	PROJECT	
HOLZMAN CONSULTANTS INC.	NOVEMBER 2019	190271.01	AP1

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

PROJECT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
5254 BANK STREET
OTTAWA, ONTARIO

DRAWING TITLE

AERIAL PHOTOGRAPH 1966
A19674-104
SCALE 1:9000

CLIENT	DATE	PROJECT	
HOLZMAN CONSULTANTS INC.	NOVEMBER 2019	190271.01	AP2

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

PROJECT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
5254 BANK STREET
OTTAWA, ONTARIO

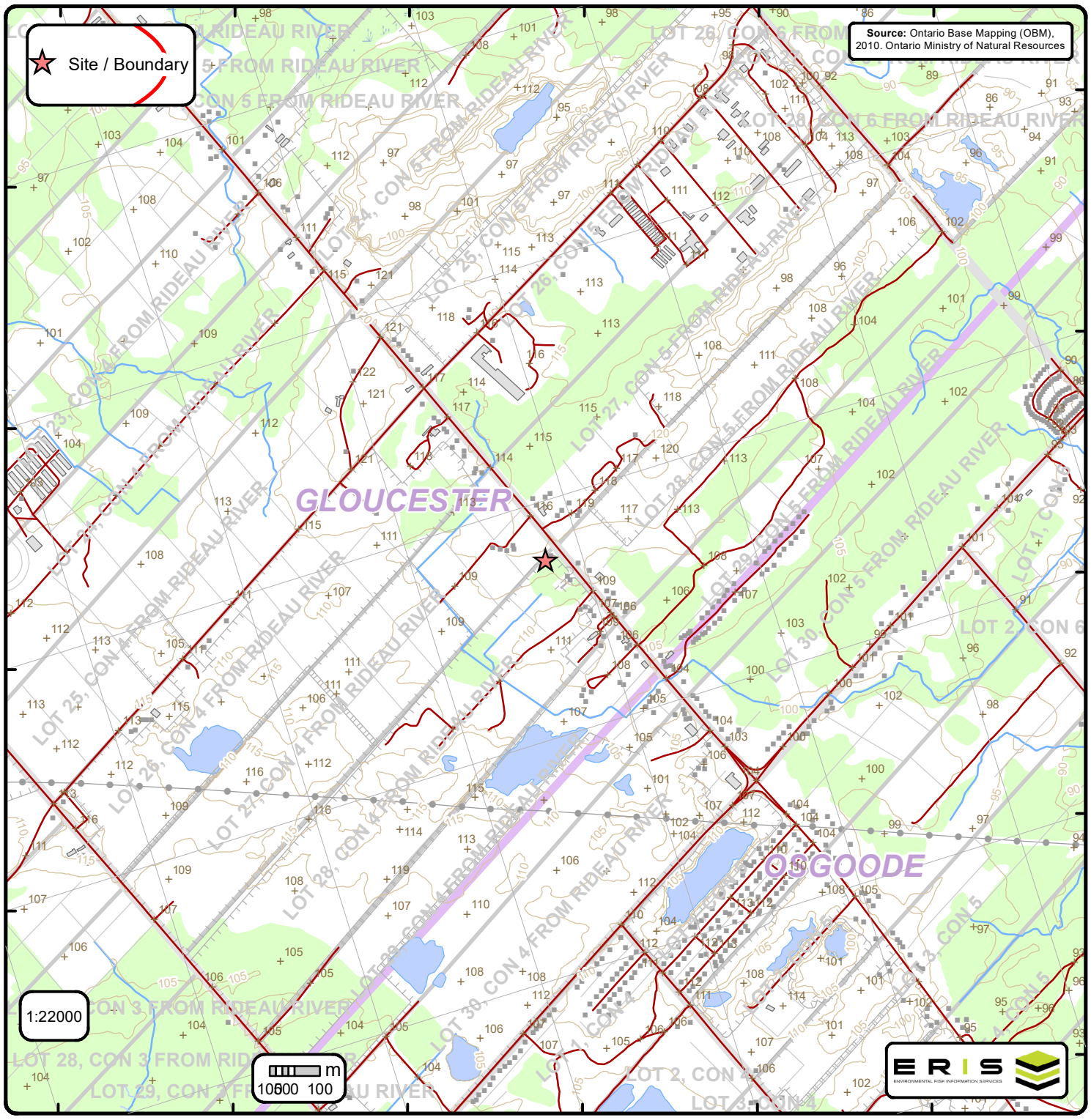
DRAWING TITLE

AERIAL PHOTOGRAPHS 2017
Source: GeoOttawa
SCALE 1:7500

CLIENT	DATE	PROJECT	
HOLZMAN CONSULTANTS INC.	NOVEMBER 2019	190271.01	AP3

APPENDIX F

TOPOGRAPHIC MAP



Ontario Base Mapping (OBM) Data

Order No. 20190910076

Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	

APPENDIX G

SITE VISIT PHOTOGRAPHS

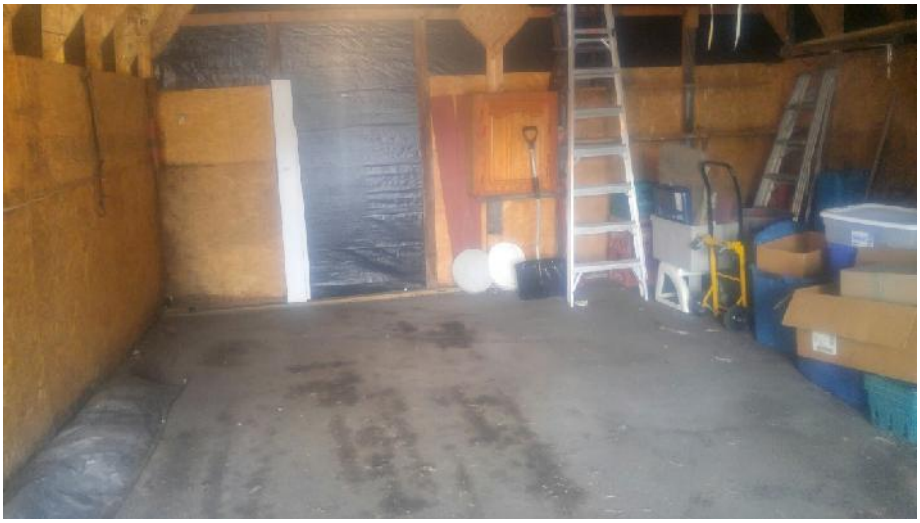
SITE VISIT PHOTOGRAPHS

Our File Ref.: 190271.01
Client: Holzman Consultants Inc.
Project: Phase I Environmental Site Assessment
Site Location: 5254 Bank Street, Ottawa, Ontario

Photograph No. 1	
Date: 26/09/2019	
Description Facing west across the east portion of the Site.	

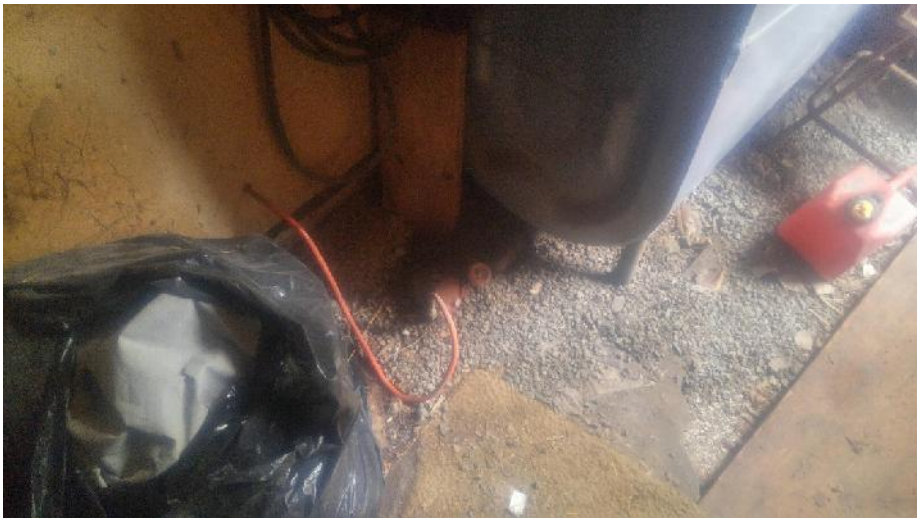
Photograph No. 2	
Date: 26/09/2019	
Description Facing east across the western portion of the Site.	

Photograph No. 3	
Date: 26/09/2019	
Description Garage in the north central portion of the Site.	

Photograph No. 4	
Date: 26/09/2019	
Description Interior view of the garage.	

Photograph No. 5	
Date: 26/09/2019	
Description Interior view of shed at the northwest end of Site. Staining was observed on the ground of the shed overlain by absorbent material in areas.	

Photograph No. 6	
Date: 26/09/2019	
Description View of containers on the ground in shed at the southwest end of Site.	

Photograph No. 7	
Date: 26/09/2019	
Description View of Aboveground Storage Tank (AST) in shed at northwest end of Site. Staining was observed beneath.	

Photograph No. 8	
Date: 26/09/2019	
Description Mechanical room of the residence.	

Photograph No. 9	
Date: 26/09/2019	
Description Sump pump in the basement of the residence.	

Photograph No. 10	
Date: 26/09/2019	
Description Typical of the basement interior of the residence.	

Photograph No. 11	
Date: 26/09/2019	
Description Adjacent property to the east: Bank Street followed by vacant, treed land.	

Photograph No. 12	
Date: 26/09/2019	
Description Facing south along Bank Street in front of the adjacent property to the south (5304 Bank Street).	

Photograph No. 13	
Date: 26/09/2019	
Description Facing west in front of 5290 Bank Street. Zoned rural. Property use unknown	

Photograph No. 14	
Date: 26/09/2019	
Description Facing west. Adjacent property to the north: Industrial.	

Photograph No. 15	
Date: 26/09/2019	
Description Facing east. Auto repair garage at 5217 Bank Street.	

APPENDIX H

TABLE 2 OF SCHEDULE D OF O. REG. 153/04

Ontario Regulation 153/04 – Schedule D
Summary of Potentially Contaminating Activities & Areas of Potential Environmental Concern

Acid and Alkali Manufacturing, Processing and Bulk Storage	Explosives and Firing Range	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
Adhesives and Resins Manufacturing, Processing and Bulk Storage	Fertilizer Manufacturing, Processing and Bulk Storage	Pharmaceutical Manufacturing and Processing
Airstrips and Hangars Operation	Fire Retardant Manufacturing, Processing and Bulk Storage	Plastics (including Fibreglass) Manufacturing and Processing
Antifreeze and De-icing Manufacturing and Bulk Storage	Fire Training	Port Activities, including Operation and Maintenance of Wharves and Docks
Asphalt and Bitumen Manufacturing	Flocculants Manufacturing, Processing and Bulk Storage	Pulp, Paper and Paperboard Manufacturing and Processing
Battery Manufacturing, Recycling and Bulk Storage	Foam and Expanded Foam Manufacturing and Processing	Rail Yards, Tracks and Spurs
Boat Manufacturing	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Rubber Manufacturing and Processing
Chemical Manufacturing, Processing and Bulk Storage	Gasoline and Associated Products Storage in Fixed Tanks	Salt Manufacturing, Processing and Bulk Storage
Coal Gasification	Glass Manufacturing	Salvage Yard, including automobile wrecking
Commercial Autobody Shops	Importation of Fill Material of Unknown Quality	Soap and Detergent Manufacturing, Processing and Bulk Storage
Commercial Trucking and Container Terminals	Ink Manufacturing, Processing and Bulk Storage	Solvent Manufacturing, Processing and Bulk Storage
Concrete, Cement and Lime Manufacturing	Iron and Steel Manufacturing and Processing	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
Cosmetics Manufacturing, Processing and Bulk Storage	Metal Treatment, Coating, Plating and Finishing	Tannery
Crude Oil Refining, Processing and Bulk Storage	Metal Fabrication	Textile Manufacturing and Processing
Discharge of Brine related to oil and gas production	Mining, Smelting and Refining; Ore Processing; Tailings Storage	Transformer Manufacturing, Processing and Use
Drum and Barrel and Tank Reconditioning and Recycling	Oil Production	Treatment of Sewage equal to or greater than 10,000 litres per day
Dye Manufacturing, Processing and Bulk Storage	Operation of Dry Cleaning Equipment (where chemicals are used)	Vehicles and Associated Parts Manufacturing
Electricity Generation, Transformation and Power Stations	Ordnance Use	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
Electronic and Computer Equipment Manufacturing	Paints Manufacturing, Processing and Bulk Storage	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products
Explosives and Ammunition Manufacturing, Production and Bulk Storage	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	