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REPORT ON

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
65 ACACIA AVENUE
CITY OF OTTAWA, ONTARIO

Submitted to:

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Ottawa, Ontario
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DATE: November 17, 2017

DISTRIBUTION:

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1.0 EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment was carried out by Kollaard Associates Inc. for Simon Saab and Jeffrey Abboud of Ottawa, Ontario. The subject site for this assessment is located at 65 Acacia Avenue, in the Rideau-Rockcliffe Ward of the City of Ottawa, Ontario (see Key Plan, Figure 1). The Phase I property comprises two separate properties, one of which is vacant with no civic address and the other which consists of an existing single family dwelling at 65 Acacia Avenue.

The purpose of the Phase I Environmental Site Assessment was to identify, if possible, through non-intrusive investigation, consisting of a review of current and historical information and observations of site conditions during a site reconnaissance visit, the existence of any significant, actual or potential environmental liabilities associated with the property. The Phase I Environmental Site Assessment (ESA) has been prepared in general conformity with our interpretation of the requirements of CSAZ768 as well as Ontario Regulation 153/04 (as amended in December 2009 through Ontario Regulation 511/09) for conducting environmental site assessments.

The Phase I ESA was based on a site reconnaissance visit carried out on October 10, 2017, together with a review of available geological, topographical and historical information for the site.

The site is currently occupied by a single family residential dwelling. The current building at the site and the former dwelling on the south portion of the lot were constructed sometime between 1926 and 1928. The second dwelling was subsequently demolished, though the time period of demolition is not known. It is considered that the property has solely been used for residential purposes and that the first developed use is residential in about 1926-1928. There were no current or historical Potentially Contaminating Activities (PCAs) identified at the subject site. Offsite current or historical PCAs were identified within the Phase I ESA study area. However, they are mostly identified to be south or southeast of the subject property. Given their distances and the groundwater flow direction which is indicated to be to southwest towards the Rideau River, and that many of the properties have been redeveloped (i.e. PCAs are mostly historical not current), there are no resulting Areas of Potential Environmental Concern (APECs) at the subject site from the PCAs in the Phase I Study Area. The results of this Phase I ESA indicate that there are no significant environmentally related issues identified at the site and no further investigation of the soil and groundwater at the site is warranted.

It is understood that it is proposed to redevelop the property into a multi unit residential building. The historical land use of the property, based on the results of this investigation, has also been for residential use. Therefore, a RSC is not required for the property, based on our understanding of Ontario Regulation 153/04.

Based on the extensive renovations observed of the building interior and removal of original finishes, including window caulking, plaster and painted surfaces, no designated substances were identified or observed at the time of the site visit. Intrusive inspection and sampling were not carried out as part of this assessment. Kollaard Associates Inc. recommends that a Designated Substances and Hazardous Materials Survey be carried out to identify and properly dispose of any asbestos, PCBs, lead, mercury and other deleterious or hazardous substances which may be present within building materials at the site, prior to demolition of the existing building.

2.0 INTRODUCTION

2.1 PROPERTY INFORMATION

The subject site for this assessment consists of 65 Acacia Avenue, in the Rideau-Rockcliffe Ward of the City of Ottawa, Ontario. The Phase I property consists of two separate properties, as follows. The single family dwelling identified as 65 Acacia Avenue and a vacant lot with no civic address that is located immediately adjacent to the south side of the single family dwelling. For the purposes of this report, the subject property includes both parcels described herein.

For the purposes of this assessment, project north is considered to be parallel to Acacia Avenue at the site (see Key Plan, Figure 1).

The site has a total area of approximately 507 square metres (0.12 acres). The north portion of the site contains a single family dwelling and occupies an area of about 224 m^2. The vacant lot in the south portion of the site occupies an area of 283 m^2. The site is located within an area of predominantly high density residential development consisting of low rise apartment buildings and single family dwellings, some open space and community leisure zones. Along Beechwood Avenue, there is a traditional mainstreet zone which includes mixed residential, limited commercial and institutional uses. The site is bordered on the north, south and west by adjacent residential development, consisting of a mix of apartment buildings and single family dwellings, and on the east by Acacia Avenue followed by single family dwellings.

The legal description for the properties based on a chain of title provided by Wentzell Titles Ltd. is as follows.

- Single family dwelling identified as 65 Acacia Avenue: Lot 10, Plan 189537, City of Ottawa, Ontario (PIN 04225-0273).
- Vacant lot: Lot 11, Plan 189537, City of Ottawa, Ontario (PIN 04225-0274).

2.2 OBJECTIVES

The primary objective of this Phase I ESA is to document the site conditions on the day of a walk-through site reconnaissance and, if possible, to identify former and current operations or practices that may present potential environmental risks. The study is based on current and historical

information and observations of site conditions during a site reconnaissance visit conducted on October 10, 2017. The general objectives of the Phase I Environmental Site assessment, as outlined in Ontario Regulation 153/04, include the following:

1. To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the phase one property.
2. To determine the need for a Phase II ESA.
3. To provide a basis for carrying out any Phase II ESA required.
4. To provide adequate preliminary information about environmental conditions in the land or water on, in or under the phase one property for the conduct of a risk assessment following completion of a Phase II ESA.

3.0 SCOPE OF WORK

The scope of the Phase I ESA is sufficient to identify existing and/or potential environmental liabilities which are obvious from visual examination of surface features and from available sources of information. The Phase I Environmental Site Assessment (ESA) has been prepared in general conformity with our interpretation of the requirements of CSAZ768-01 as well as Ontario Regulation 153/04 (as amended in December 2009 through Ontario Regulation 511/09) for conducting environmental site assessments.

This level of work is a method of risk reduction, not risk elimination. No building materials, liquid, gas, or chemical product sampling and/or testing on or in the vicinity of the subject site were carried out as part of this assessment. This assessment included only a cursory overview of the present neighbouring land uses and does not constitute a complete assessment of the adjacent facilities.

The scope of work carried out for the site comprised the following:

- a review of available current and historical information about the site and surrounding properties within 250 metres of the site
- observations of site conditions during a site reconnaissance visit
- interviews with the current owner and a neighbouring property owner near the site
- review and evaluate the information from the above noted information sources
- document the findings in a report

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

As part of the preliminary review of historical documents for the site, aerial photographs of the site and surrounding area were reviewed, as well as documentation from the City of Ottawa on landfills and industrial sites (Sections 4.2.1 and 4.3.1). Based on the review of the above noted documents, there is one historical industrial large scale landfill site within 500 metres of the subject site. However, none of these historical sites are up gradient of the assumed groundwater flow direction for the area and they have mostly been redeveloped.

Consequently, Kollaard Associates Inc. considers that a 250 metre study area is sufficient to identify areas of historical and current potential concern on or near the subject site.

4.1.2 FIRST DEVELOPED USE DETERMINATION

The first developed use of the property was determined based on a review of aerial photographs of the site and an interview with a neighbour who has a long history of the site (Sections 4.3.1). The earliest available aerial photograph that was reviewed (1928) indicates at least one building on the property. An interview with a neighbour (Section 5.0) indicated that there were two single family dwellings on the subject site since the 1930s or prior. He indicated that he was a descendant of Putman and indicated that the homes original owner is Putman. The chain of title (Section 4.1.4) indicates that the property was transferred to John Harold Putman in 1926. It is likely that the current building at the site and the former dwelling on the south portion of the lot were constructed sometime between 1926 and 1928. It is considered that the property has solely been used for residential purposes and that the first developed use is residential in about 1926 - 1928.

4.1.3 FIRE INSURANCE PLANS

The site and surrounding areas are current and historically residential. There were no historical industrial areas identified within 500 metres of the subject property. Any

commercial properties with potential for above or below ground fuel storage tanks are located along Beechwood Avenue, some 200 metres or more southwest of the subject property and down gradient of the topographic contours. The likely groundwater flow direction is southwest to the Rideau River. As a result of the above noted considerations, the Fire Insurance Plans were not requested for the subject property.

4.1.4 CHAIN OF TITLE

The Phase I property consists of two separate legal properties, consisting of Lots 10 and 11, Plan 189537, City of Ottawa, Ontario (PINS 04225-0273 and 04225-0274).

A chain of title for this site was provided by Wentzell Titles Ltd. (Attachment A) Based on a review of the chain of title information the chains of title for the two parcels were the same from the original owner (1843) up until August 2010. During that time, the properties were owned solely by individuals. From 2010 to October 2, 2017, Lot 10 (occupied by single family dwelling) was owned by Simon Saab and Antoine Zalatan. The current owners of Lot 10 (as of October 2, 2017) are Jeffrey Abboud and Simon Saab, each with 50% interest.

From August 16, 2010 to November 17, 2016, Lot 11 (vacant parcel) was owned by Simon Saab and Antoine Zalatan. Between November 17, 2016 and October 2, 2017 it was owned solely by Simon Saab. The current owner of Lot 10 (as of October 2, 2017) is Jeffrey Abboud.

4.1.5 ENVIRONMENTAL REPORTS

No environmental related reports are known or expected to exist for this site.

4.1.6 PROPERTY USE RECORDS

The City of Ottawa Website was reviewed for the zoning designation of the subject site. The website indicates that the site is currently zoned Residential Fourth Density (R4P). The majority of the surrounding lands within the Phase I Study Area are also residential zones. Non-residential land uses within the Phase I Study Area include Open Space (OS), Community Leisure and Traditional Mainstreet zones according to the City of Ottawa Zoning

By-law 2008-250. The site has been occupied historically by two single family dwellings and currently is occupied by one single family dwelling. Based on the known history of the site (air photograph review and interview), it is considered that the site has only been used for residential purposes.

4.2 ENVIRONMENTAL SOURCE INFORMATION

In order to assess some of the historical conditions at the property, a preliminary review of information from the following sources was conducted:

Municipal and Provincial Government Sources

- Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd.
- Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd.
- Ministry of Environment (MOECC), Ottawa, Ontario

Environmental Databases

- Ecolog ERIS – Environmental Risk Information Services Standard Report

4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES

A review of a report entitled Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd. indicates the following landfill site exists within five hundred metres of the subject site:

Site ID#	Industry	Proximity to Site	Type of Waste
Ur 46-Beechwood Ave. (c. 1906-1922)	Steel fabrication, smelters, various oil and metal industries	~210 metres south	Ashes, garbage and other refuse

Other landfills were identified at or beyond about 500 metres southward. However, given the distance of these former landfills, the age of the landfills, the redevelopment of some of the lands and the topography and groundwater which are indicating that groundwater flow is

to the southwest towards the Rideau River, these sites were not included herein.

A review of a report entitled Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd. was carried out with respect to the subject site and surrounding properties. No former industrial sites exist within 500 metres of the site.

Pits and Quarries

Based on a review of the provincial online database, there are no active pits or quarries with the Phase I Study Area (i.e. 250 metres).

Large and Small Landfills

Based on a review of the provincial online databases for large and small landfill sites, there are no landfill sites (open or closed) within at least 500 metres of the subject site. The City of Ottawa landfill information indicates one closed landfill (as noted above) which does not appear on the provincial database.

Online MOECC Well Records

A cluster of wells were installed at a property (200 Rideau Terrace) some 220 metres west of the site in 2010. The wells are indicated to be test holes used for monitoring purposes. These wells could indicate a previous environmental or geotechnical investigation at that property and potentially indicative of a contaminated site. The available information has been provided herein. Other MOECC well records are indicated to exist also southwest of the site. It is possible there is some soil or groundwater contamination at 200 Rideau Terrace. However, based on the distance and the groundwater flow direction, it is considered that any contamination from that property is of no concern to the subject site.

Federal Contaminated Sites Inventory

There were no federal contaminated sites listed within at least 500 metres of the subject site.

4.2.2 ENVIRONMENTAL DATABASES

ECOLOG ERIS – Environmental Risk Information Services Standard Report

A review of information provided by Ecolog ERIS – Environmental Risk Information Services (see Attachment F) was carried out as part of this Phase I ESA. Based on that review, no records were found in the databases searched for the project property.

The following tables provide a summary of some activities/incidents on properties identified within 250 metres of the subject site, which are considered herein. For a complete list of all records found, see Attachment F.

Table 1-Waste Generators Summary

Address	Details	Distance from Subject Site	Area of Potential Concern on Subject Site (Y/N)?
25 Carsdale Avenue	Waste oils & lubricants 1992-1998	94 m ESE	N
249 Beechwood Avenue	Light fuels 2002-2004	131 m E	N
222 Beechwood Avenue	Kavanaugh's Esso Light Fuels 2013	179 m ENE	N
200 Rideau Terrace	Homestead Land Holdings Ltd. Acid waste, alkaline wastes, waste oils & lubricants 2009 - 2012	197 m WSW	N
220 Beechwood Avenue	City of Ottawa Oil Skimmings & Sludges 2014, 2015, 2016, 2017	190 m SE	N
266 Beechwood Avenue	Veterinary Services Pathological, pharmaceutical and photoprocessing wastes 2003-2017	204 m ENE	N

Table 2-Ontario Spills

Address	Details	Distance from Subject Site	Potential Area of Concern on Subject Site (Y/N)?
241 Beechwood Ave.	1991 AST leak 800 litres fuel oil to ground with confirmed groundwater contamination	138 m E	N
196 Beechwood Ave.	1995 Furnace Oil Tank Valve leak failure Small amount of oil leaked concrete basement Environmental impact not anticipated	218 m SSE	N
188 Beechwood Ave.	1995 ~2 litres gasoline to ground and catchbasin Environmental impact possible	222 m SSE	N

Table 3-List of TSSA Expired Facilities

Address	Details	Distance from Subject Site	Potential Area of Concern on Subject Site (Y/N)?
222 Beechwood Ave.	Expired retail gasoline station as of 2009	170 m ESE	N
188 Beechwood Ave.	Expired private fuel facility with liquid fuel tank as of 1999	223 m SSE	N

222 Beechwood Avenue is also listed as having Fuel Storage Tanks and Historic Fuel Storage Tanks and as a Retail Storage Tank. The site is listed as a retail fuel outlet from 1995 and was listed as active in 2007. There were at least two single wall USTs containing gasoline with capacities of 13,620 litres and 22,700 litres that were indicated to have been installed in 1995. There was also at least two gasoline double wall fibreglass USTs. The above noted TSSA Expiry indicates that tanks and piping were removed in 2009.

A Record of Site Condition was filed in 2006 for the property at 25 Carsdale Avenue. The RSC information provided in the database results indicates that the generic site condition standards were met on that site. The site has since been redeveloped into residential use.

A Record of Site Condition was issued in 2014 for a property at 9 Marquette Avenue, located some 201 metres east/southeast of the subject site. The filing owner is listed as The Kavanaugh on Beechwood Inc. Based on a review of the RSC filing document, that address includes former 222 Beechwood Avenue. That property was listed as a former retail fuel facility with UST fuel storage and a waste generator. The site has since been redeveloped into a high rise residential building.

Most of the waste generators are located east, southeast or southwest of the subject site. The topography at the site and the Phase I Study Area generally slopes towards the Rideau River. From the site and north and northwest of the site, the topography slopes to the south and southeast towards Beechwood Avenue and the topography along Beechwood Avenue is generally flat. Based on the location of the Rideau River, some 800 southwest of the site, the shallow groundwater direction is considered to be to the southwest. Consequently, there are no concerns with any of the up gradient properties near the site as they are predominantly residential with no waste generators, fuel storage or other potentially contaminating activities.

There were other results included with the Ecolog ERIS search for boreholes, Certificates of Approval, Environmental Compliance Approvals, ERIS Historical Searches, TSSA incidents (involving natural gas strikes or leaks), Permit to Take Water, Scott's Manufacturing Directory and Water Well Information System. However, none of these results were considered to consist of Potentially Contaminating Activities (PCAs).

No other significant environmental concerns are listed in the Environmental Risk Information Services Standard Report.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

A review of air photographs of the site for the years 1928, 1937, 1956, 1965, 1981, 1991, 2002, 2005 and 2014 was carried out as part of this Phase I ESA (Attachment C). The aerial photographs were obtained from the National Air Photo Library (1937, 1956, 1981) and the City of Ottawa website (1928, 1965, 1991-2014 inclusive).

The observations of the site and surrounding area are provided in the table below.

Date	Observations
1928	One building is visible at the subject property. Adjacent land use consists of vacant land with scattered residential development. Along Beechwood Avenue southeast of the site, there are some larger buildings indicating commercial/industrial uses.
1937	Image quality is poor with number of trees obscuring view of site from above. One building observed at the site. Some additional residential development south of the site along Acacia Ave. Increased residential development is observed south of the site.
1956	No significant changes at site and adjacent properties. Additional residential development has occurred especially southeast of Beechwood Avenue.
1965	No significant changes at site and adjacent properties.
1981	No significant changes to the site and adjacent properties.
1991	No obvious changes at the site and adjacent properties are evident. The tree canopy at and near the site limits the visibility of structures.
2002	No obvious changes at the site and adjacent properties are evident.
2005	No significant changes to the site or adjacent properties were observed.
2014	No significant changes to the site or adjacent properties were observed. A former automotive garage east of the site has been redeveloped.

Air photographs do not indicate two separate buildings. However, the quality/scale of the photographs is not sufficient to determine conclusively whether there was a former dwelling south of the existing building at the site.

4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Topography and Hydrology

The ground surface across the site and surrounding area slopes steeply downward towards the southeast. There is a gradual slope along Beechwood Avenue towards the southwest and the Rideau River.

The Rideau River exists approximately 750 metres southwest of the site. It is a tributary to the Ottawa River which exists some 1.5 kilometres northwest of the site. There is a lake, known as McKay Lake, some 640 metres northeast of the site. It is understood that this was a historical sand and gravel pit.

Based on a review of the topographical map for the site area, it is expected that the upper groundwater flow at the site is to the southwest towards the Rideau River which is located some 750 metres southwest of the site (Attachment B).

Surficial and Bedrock Geology

Based on a review of the surficial geology map for the site area, it is expected that the site is underlain by deposits of glacial till with possible shallow or exposed bedrock north and west of the site. Bedrock geology maps indicate that the bedrock underlying the site consists of limestone of the Ottawa Formation or possibly dark grey limestone of the Eastview Formation. A fault oriented east-west exists within close proximity of the site. Based on a review of test pit information from two test pits put down for a geotechnical investigation carried out at the subject site, the overburden at the site consists of sand and gravel overlying silty sand, to depths of about 3.5 to 4.0 metres. One test pit was terminated on a boulder or bedrock at about 4.0 metres depth.

From the borehole and well record database search results in the Ecolog ERIS report, the overburden near the site likely consists of some 1-6 metres of sand, sand and gravel and/or glacial till, followed by shale bedrock. Generally, the depth to bedrock is shallow southeast

of the site along Beechwood Avenue (1-3 metres) and deeper northwest of the site such as the boreholes at 200 Rideau Terrace which encountered sand to depths of 9 metres.

4.3.3 FILL MATERIALS

The two test pits that were put down as part of a geotechnical investigation of the site encountered some 0.7 to 0.8 metres of fill, consisting variably of topsoil, sand and gravel, trace of cobbles and boulders and silt. One of the test pits encountered some glass within 0.3 metres of the ground surface.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

There is no surface water feature located on the subject site. There is a lake, known as McKay Lake, some 640 metres northeast of the site. It is understood that this was a historical sand and gravel pit. The Rideau River exists approximately 750 metres southwest of the site and empties into the Ottawa River some 1.9 kilometres west of the site.

Based on a review of the City of Ottawa website information, there are no areas zoned Environmental Protection within at least 500 metres of the subject site. That zoning applies to Significant Wetlands, natural environment areas and Urban Natural Features. There are open space zones (park space) and flood plain areas southwest of the site along the Rideau River.

4.3.5 WELL RECORDS

A search on the MOECC website for Water Well Record Mapping was completed as part of this assessment. Several monitoring wells are indicated to be constructed within 250 metres of the subject site. These wells are indicated to be for geotechnical or monitoring purposes. The well records were for locations about 200 metres south/southeast of the site which encountered sand and gravel with shale bedrock at a depth of about 2 metres. A well cluster was installed at 200 Rideau Terrace (some 240 metres west/southwest) in 2010 and was indicated to be comprised of monitoring test holes.

5.0 INTERVIEWS

Current Owner

One of the current owners of the property was interviewed. Mr. Simon Saab indicated that he has owned the property since about 2010. He indicated that the property was used as a rental residential dwelling since that time. He indicated that the building has been serviced by natural gas since prior to his ownership and he had no knowledge of the use of furnace oil storage at the site.

Neighbour

A resident of the community was present at the time of the site visit. He indicated that he was a descendent of the original owner of the building at the time of construction (Putman). He indicated that there were originally two separate residential buildings at the subject site. He indicated that the buildings were constructed in 1930s or possibly prior. He also indicated that the building had been renovated and enlarged significantly since the original construction. The chain of title (Section 4.1.4) indicates that the property was transferred to John Harold Putman in 1926. It is likely that the current building at the site and the former dwelling on the south portion of the lot were constructed sometime between 1926 and 1928.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

On October 10, 2017, a walk-through site reconnaissance was conducted at the subject property by Colleen Vermeersch, P. Eng. at about 3 pm. The weather was sunny with a temperature of about 19 deg. C.

For the purposes of this assessment, project north is considered to be parallel to Acacia Avenue at the site.

Observations of adjacent properties were limited to views from the subject property and from publicly accessible areas.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 SITE DESCRIPTION

The site has a total area of approximately 507 square metres (0.12 acres) and consists of two separate properties. The north portion of the site contains a single family dwelling and occupies an area of about 224 m^2. The vacant lot in the south portion of the site occupies an area of 283 m^2.

The site is located within an area of predominantly high density residential development consisting of low rise apartment buildings and single family dwellings, some open space and community leisure zones. Along Beechwood Avenue, there is a traditional mainstreet zone which includes mixed residential, limited commercial and institutional uses. The site is bordered on the north, south and west by adjacent residential development, consisting of a mix of apartment buildings and single family dwellings, and on the east by Acacia Avenue followed by single family dwellings.

Currently, the north portion of the site is occupied by a two storey single family dwelling with a basement and an attached garage which forms a portion of the basement. The exterior of the building is stucco covered. The interior of the building was observed to have undergone significant renovations, including new bathroom finishes, hardwood flooring and tile. All of the appliances appeared to be relatively new, including a central air conditioning unit, which was located on the exterior of the north side of the building. A floor drain was observed within the basement garage where a poured concrete floor exists. A drainage grate crosses the exterior of the garage where there is a reverse grade. Presumably, this accepts surface water drainage from the driveway and roadway and diverts it to the stormwater system. The basement floor was observed to consist of poured concrete. The finished portions of the basement were observed to be covered in relatively new vinyl flooring. The utility areas were observed to be within the basement. There was no evidence of any furnace oil storage tanks in the basement. The building is serviced with natural gas and forced air ducts were observed throughout the building. One electrical space heater was observed in the second storey bathroom. Based on the observations of the building interior, it is likely that most of the original building finishes (including flooring, bathroom fixtures, drywall, painted surfaces) have been completely replaced during renovations.

The exterior of the north portion site consists of a fenced in rear yard with wooden and chain link fencing. A brick retaining wall retains the soils on the north side of the property (side yard). Due to the steep slope to the east at the site, a rock and mortar retaining wall retains the front yard and the front of the dwelling is accessed by a stairway from the roadway. The front and rear yards are grassy with shrubs.

The south portion of the site consists of a vacant grassy lot. A low stone retaining wall borders the east property boundary. There are some trees located in the west portion of the site. A fence across the west portion of the site separates the lot from adjacent development.

Site photographs are provided (Attachment G).

The ground surface across the site slopes steeply downwards from west to east across the site towards Acacia Avenue. In general, the surrounding lands slope to the east.

6.2.2 SITE INFRASTRUCTURE

Electricity

The building at the site is serviced by electricity.

Heating and Cooling

The building is currently heated using natural gas, electricity and a wood burning fireplace that was observed to be located on the main floor of the house. A central air conditioning unit exists along the exterior of the north side of the building. Based on the age of the building (~1928), it is possible that the building was previously heated using wood, electricity, coal and/or furnace oil. No evidence of furnace oil tanks was observed.

Water Supply

The building at the site and surrounding development is serviced by municipal water supply. Fire hydrants were observed along the west side of Acacia Avenue including a fire hydrant along the front of the site.

Wastewater and Sewage Disposal

The building at the site serviced by sanitary and storm sewers located within Acacia Avenue.

Sumps, Pits and Floor Drains

One floor drain was observed within the single car garage of the building, which forms a portion of the basement of the building. There is also a drainage grate that crosses the exterior of the garage opening in the driveway. The floor drain and grate are assumed to be connected to the stormwater system.

6.2.3 BUILDING DESCRIPTION

A two storey, stucco, wood framed structure, with a basement exist at the site. The roof is asphalt shingled. The current and historical use of the building is as a single family dwelling.

6.2.4 POTENTIALLY CONTAMINATING ACTIVITY

The historical use of the site has been for residential purposes. No records of any database search results including spills, waste generation or handling or Scott's Manufacturing directory and other database search requests were found for the subject site (Section 4.2.2).

The building is old and there is a potential for furnace oil to have been formerly used at the subject site prior to the use of natural gas. However, the building currently has a wood burning fireplace and was possibly heated using wood historically as well. There were no indications of furnace oil use at the site at the time of the site visit.

There are no activities known to have occurred at the subject site that could be considered "Potentially Contaminating Activities", as identified in Table 2 of Schedule D of O. Reg. 153/04.

6.2.5 MATERIALS HANDLING AND STORAGE

General Storage and Debris

At the time of the site reconnaissance, no exterior storage was observed at the site. Observations of the interior of the building indicate it is vacant,

Solid Waste

At the time of the site visit, the dwelling was vacant. Solid waste is collected curbside by the City of Ottawa on a weekly basis.

Hazardous Materials

No storage of hazardous materials was observed. It is possible that the building was formerly heated using furnace oil. However, there were no above or below ground furnace oil storage tanks observed at the site at the time of the site visit.

Based on the current and past usage of the property for residential purposes, hazardous materials storage at the site is considered unlikely (Sections 4.2.2 and 6.2.4).

6.2.6 DESIGNATED AND REGULATED SUBSTANCES

Polychlorinated Biphenyls (PCBs)

The use of PCBs in electrical equipment such as transformers, capacitors, fluorescent light ballasts, etc. was common up to about 1980. The Federal Chlorobiphenyls Regulation, SOR/91-152, prohibits the use of PCBs in the aforementioned electrical equipment installed after July 1, 1980. It is not a requirement to remove materials containing PCBs. However, any handling or removal of PCB containing equipment should be carried out in accordance with Ontario Regulation 362, PCB Waste Management under the Environmental Protection Act of Ontario, R.S.O 1990.

All of the interior lighting fixtures were observed to be relatively new and no fluorescent lighting was observed. Based on the age of the building at the site, there is a possibility that the lighting and or other potential PCB containing electrical equipment exists at the site. However, due to the extensive renovations and updates observed at the time of the site visit, it is unlikely that any PCBs containing equipment exist at the site. A Designated Substances Survey should be carried out prior to building demolition to identify any Designated or Hazardous Materials. PCBs are hazardous materials that require special handling in order to minimize the health and environmental risks associated with these materials.

Suspect Asbestos Containing Materials (ACM)

The common use of friable (breakable by hand) ACM in construction decreased in the mid 1970s. Buildings constructed prior to about 1985 may contain some ACM. Friable asbestos (friable is defined as a material that can be crumpled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980s. Examples where ACM can exist include floor, wall or ceiling tiles, heating/cooling pipes, pipe gaskets, roofing materials and insulation/non-combustible materials. The application of friable asbestos was banned by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

Under Ontario Regulations, it is not a requirement to remove asbestos from a building unless it is damaged or is likely to be disturbed during renovations or demolition work etc. Applicable regulations define “asbestos-containing material” as material that contains 0.5 per cent or more asbestos by dry weight. If asbestos is to be removed, it should be carried out in accordance with the procedures outlined in Ontario Regulation 837, R.R.O. 1990 and Ontario Regulation 278/05.

Due to the age of the building at the site, it is possible that asbestos containing materials are present. Prior to demolishing, a designated substance survey, including asbestos, should be carried out. If ACM is encountered, a management plan should be developed and implemented. If asbestos is to be removed, it should be carried out in accordance with the procedures outlined in Ontario Regulation 837, R.R.O. 1990 and Ontario Regulation 278/05.

Ozone- Depleting Substances (ODS)

No evidence of any ozone-depleting substances was observed at the site. Based on the indicated past usage of the property, the presence of ozone-depleting substances is considered unlikely. ODS are considered Hazardous Materials which should be identified during a Designated Substances Survey as they would require

Lead

Lead is commonly associated with old pipes, pipe solder, and lead paint. In 1976, Canadian Regulations limited the amount of lead in interior paint to 0.5 percent by weight. Although paints containing lead were banned from uses on exterior or interior surfaces of buildings, furniture or household products in the 1970s, various commercial paints (e.g., road paint) are still known to contain lead.

Due to the age of the building at the site, there is a possibility that the paints and or piping in the dwelling contain lead. Prior to any demolition activities, a designated substance survey (including lead) should be carried out.

Mercury and Silica

Mercury and silica are both designated substances that can be present in older homes. Mercury could be present in mercury switches in older appliances or thermostats. Silica could be present in dust created during demolition activities from drywall, cement, brick, grout, mortar and other construction materials.

It is unlikely that any mercury containing switches are present at the site, given the extensive renovations and updates that have been carried out at the site. Prior to any demolition activities, a designated substance survey should be carried out and any designated substances identified at the site should be handled and disposed of appropriately.

Urea Formaldehyde Foam Insulation (UFFI)

Urea Formaldehyde Foam Insulation is composed of a mixture of urea-formaldehyde resin, a foaming agent, and compressed air. It was commonly injected in exterior wood frame and masonry walls in order to insulate difficult to reach cavities until its ban in Canada in December 1980. The majority of UFFI was installed in new and existing construction in Canada between 1975 and 1978 as part of the Canadian Home Insulation Program. Since the building at the site was constructed prior to this period, it is possible that UFFI exist within building materials at the site.

6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS

The building is currently heated with natural gas, wood fireplace and electricity. Given the age of the building which was constructed around 1928, it is possible that the building was formerly heated using wood, coal, furnace oil or electricity. There was no indication of any former use of furnace oil at the subject site. Based on the available information, there are no concerns with above or below ground storage tanks at the subject site.

6.2.8 ADJACENT PROPERTIES

For the approximate locations of the following properties, see Attachment F, Map Key and Overview.

The site is located within an area of mostly residential development. At the time of the site visit, observations of the existing dwellings/apartment buildings on adjacent properties indicated that they are serviced by natural gas. No fill or vent pipes or other indicators of furnace oil storage were observed on adjacent properties. Additionally, there were no spills of furnace oil reported for any of the nearby properties.

The closest property with a known Potentially Contaminating Activity (PCA), is a former automotive garage located at 25 Carsdale Avenue, some 94 metres east/southeast. The site has subsequently undergone a Record of Site Condition (RSC) filing and has been redeveloped into residential dwellings (now identified as Black Maple Private). That property is also down gradient of the subject property. As a result, there is no Area of Potential Environmental Concern (APEC) on the subject property as a result of the above noted site.

Two sites are identified as having former ASTs or USTs within the Phase I Study Area from former retail fuel outlets. The site at 9 Marquette Avenue (now 222 Beechwood Avenue) has undergone a RSC filing and has been redeveloped into a residential condominium. Therefore, there are no APECs considered to exist on the subject property due to this property. A former fuel station (now an automotive garage) located at 188 Beechwood Avenue is listed as an expired facility indicating any USTs have been removed from the site. These sites are both fairly distant from the subject property and down gradient. Therefore, there are no APECs on the subject site from these PCAs.

Based on the available information, there are no APECs on the subject site from any of the PCAs identified within the Phase I Study Area.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The Phase I ESA presented herein is based on information that was obtained from a records review (Section 4.0), interviews (Section 5.0) and site reconnaissance (Section 6.0). The details of the information obtained from each of these sources are provided in the relevant sections of this report. Based on the information obtained, Kollaard Associates has not identified any PCAs on the subject property. Some current and historical potential sources of contamination (PCAs) have been identified within the Phase I Study Area but with no resulting areas of potential environmental concern (APEC) at the site. The PCAs are described in Section 7.0.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

A description of current and past uses of the Phase I ESA property to its first developed use is provided below.

Year	Owner	Property Use
1843 -1926	Various individuals	Unknown (vacant)
1926 – 1932	John Harold Putman	Residential-constructed ~1926
1932 - 2017	Various individuals	Residential

7.2 POTENTIALLY CONTAMINATING ACTIVITY

There were no current or historical PCAs identified at the subject site.

The following current or historical PCAs have been identified within the Phase I ESA study area and with the approximate locations shown on the attached Conceptual Site Model, Figure 3. The addresses of some properties have changed, especially where redevelopment has occurred.

PCA 1 – Former automotive garage - 25 Carsdale Ave:

- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks
- Former automotive garage with waste generator of oils and lubricants
- Filing of RSC in 2006 and subsequent residential redevelopment

PCA 2 – Current automotive garage and former gas station – 188 Beechwood Ave:

- Item 27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks
- Former retail fuel outlet and current automotive garage
- Expired USTs have been removed from site

PCA 3 – Former gas station – 222 Beechwood Ave:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks
- Former retail fuel outlet with USTs
- Site has been redeveloped to residential use and a RSC has been filed

PCA 4 – Waste generator with monitoring wells – 200 Rideau Terrace:

- Apartment building with acid waste, waste oils and lubricants
- Well records indicate cluster of monitoring wells

PCA 5 – Historical Landfill UR46 – Beechwood/Marier/Barrette:

- Item 34 – Metal Fabrication
- Item 35 – Mining, smelting and refining; ore processing tailings storage
- Historical landfill (1906-1922) with waste from steel fabrication, smelters, oil and metal industries
- Subsequent redevelopment of these lands

The above noted PCAs are mostly identified to be south or southeast of the subject property. Given their distances and the groundwater flow direction which is indicated to be to southwest towards the Rideau River, and that many of the properties have been redeveloped (i.e. PCAs are mostly historical not current), there are no resulting Areas of Potential Environmental Concern (APECs) at

the subject site from the PCAs in the Phase I Study Area.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

No PCAs were identified on the subject site. Offsite PCAs have been identified within 250 metres of the subject site. However, none of the offsite PCAs has resulted in any APECs on the subject site. The Phase I Conceptual Site Model considerations are provided below.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase I ESA Conceptual Model provided as Figure 2 identifies the PCAs (identified in Sections 7.2 and 7.3) at the site as well as surface features, such as buildings, roads and property uses for adjacent properties. The Phase I study area and all of the activities and historical property uses are described within maps provided in Attachment F.

In order to determine which potentially contaminating activity within the Phase I study area that may have contributed to an APEC at the subject site, the following were considered.

Site and area topography and surface water drainage: The ground surface across the site is steeply sloping downwards to the southeast towards Beechwood Avenue. Surface water runoff at the site is controlled by catchbasins along Acacia Avenue.

Hydrogeology/Surficial and Bedrock Geology: Based on a review of the surficial and bedrock geology maps for the site area, it is expected that the site is underlain by deposits of glacial till. Test pits put down at the site encountered about 4 metres of sand and gravel and sand overlying bedrock. Bedrock geology maps indicate that the bedrock underlying the site consists of either limestone of the Ottawa Formation or dark grey limestone of the Eastview Formation. Based on a review of available borehole information from the Ecolog ERIS report, the overburden at and near the site likely consists of some 1-5 metres of silty sand and glacial till, followed by shale or limestone bedrock.

Contaminant distribution and transport: The hydraulic conductivity of the soils at the site and within the Phase I study area are permeable due to the presence of sand, gravel and glacial till. Due to the shallow bedrock depth of between 1 and 5 metres in the Phase I Study Area, it is considered

that the water table is likely within the bedrock. The bedrock is within about 1-5 metres of the ground surface. The Phase I study area is also controlled by catchbasins. As a result, both vertical and lateral groundwater gradients which drive contaminant migration are likely within the shallow bedrock. Once saturated conditions are encountered and depending on contaminant mobility, solubility, volatility, etc. the contaminants could be expected to dissolve into the groundwater and migrate laterally in the direction of groundwater flow through bedrock fractures. The groundwater flow direction is indicated to be to the southwest towards the Rideau River.

Uncertainty: The uncertainties associated with the conceptual model include a lack of data to support groundwater flow direction and gradient (i.e. flow direction is assumed based on topography and surface water locations from published sources).

8.0 CONCLUSION

8.1 PHASE II ESA REQUIREMENT FOR RSC FILING

The results of this Phase I ESA suggest that the potential risks associated with this site are limited to the PCAs outlined in Section 7.2 above. There are no PCAs identified on the subject property. The five PCAs which were identified on offsite properties have not resulted in any APECs on the subject property. As a result, there is no requirement for a Phase II ESA for the property.

Kollaard Associates Inc. recommends that a Designated Substances and Hazardous Materials Survey be carried out to identify and properly dispose of any asbestos, PCBs, lead, mercury and other deleterious or hazardous substances which may be present within building materials at the site, prior to demolition of the existing building.

It is understood that it is proposed to redevelop the property into a multi unit residential building. The historical land use of the property, based on the results of this investigation, has also been for residential use. Therefore, a RSC is not required for the property, based on our understanding of Ontario Regulation 153/04.

8.2 SIGNATURES

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

This report was prepared for the exclusive use of Simon Saab and Jeffrey Abboud and is based on data and information collected during the Phase I ESA of the property conducted by Kollaard Associates Inc. This report may not be relied upon by any other person or entity without the express written consent of Simon Saab and Jeffrey Abboud and Kollaard Associates Inc. In evaluating this site, Kollaard Associates Inc. has relied in good faith on information provided by others. The assessment of environmental conditions and possible site hazards presented has been made using available technical data collected and provided by others. We accept no responsibility for any deficiencies, or inaccuracies in this report as a result of omission, misinterpretations, or fraudulent acts of others.

The conclusions provided herein represent the best judgement of Kollaard Associates Inc. based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities. If new information is discovered during future work, including excavations, borings or other studies, Kollaard Associates Inc. should be requested to re-evaluate the conclusions presented in this report and provide amendments as required.

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

Yours truly,
Kollaard Associates Inc.

Colleen Vermeersch, P. Eng.

9.0 REFERENCES

National Air Photo Library, air photographs for years 1937, 1956, 1981.

City of Ottawa geoMaps, air photographs 1928, 1965, 1991, 2002, 2005, 2014.

Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd.

Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd.

Surficial Geology Map: Geological Survey of Canada, Surficial Geology, Ottawa, Ontario, Map 1506A, published 1982, scale 1:50,000.

Bedrock Geology Map: Geological Survey of Canada, Generalized Bedrock Geology, Ottawa-Hull, Ontario and Quebec, Map 1508A, published 1979, scale 1:125,000.

Ecolog Eris Ltd. Standard Report, dated October 6, 2017, various federal, provincial and private database records for 250 metres study area.

10.0 QUALIFICATIONS OF THE ASSESSORS

Colleen Vermeersch, P. Eng.

Colleen Vermeersch is a professional engineer with Kollaard Associates Inc. in Kemptville, Ontario. Colleen has been conducting Phase I ESAs in accordance with the CSA Standard and Environmental Protection Act for more than six years. Colleen has conducted many Phase I ESAs for commercial/residential clients over her career and several Phase II ESAs, some of which have involved clean up supervision. Colleen Vermeersch obtained a Bachelor of Engineering (Environmental) from Carleton University in 2007.

Colleen joined Kollaard Associates Inc. in 2007 and has worked on numerous environmental and hydrogeological projects since that time. Colleen is fully trained in carrying out and analyzing pumping tests, and field and lab based testing to determine soil and aquifer properties, such as hydraulic conductivity, transmissivity and groundwater flow directions/gradients, as these apply to contaminant transport and migration, coordinating and conducting environmental site assessments, environmental remediation, and storage tank assessment and removal.

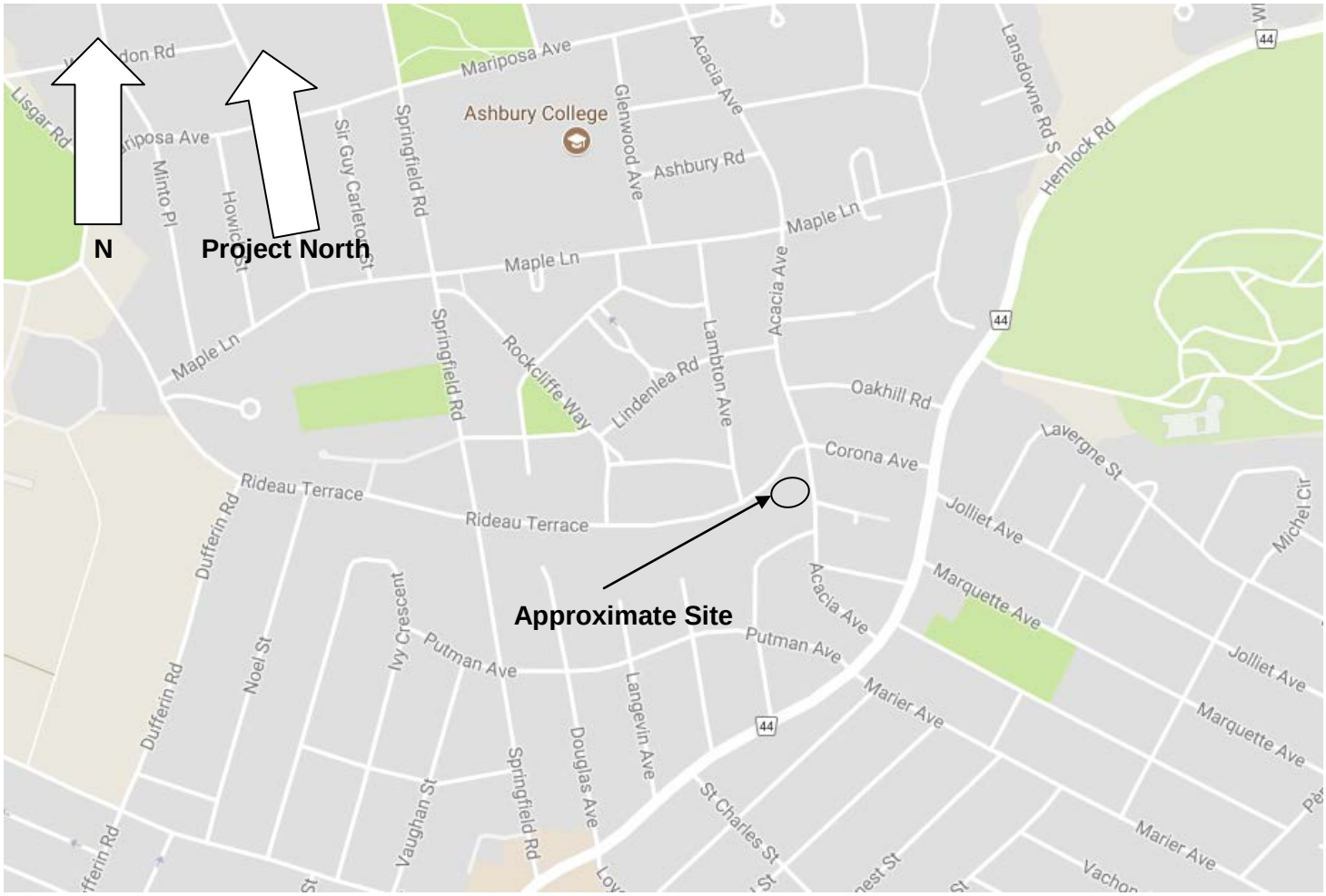
William Kollaard, P.Eng. – Owner – Kollaard Associates Inc.

Mr. William Kollaard is the founding member of Kollaard Associates and is a professional engineer and principal consultant with more than 15 years of experience in the environmental consulting industry. Mr. Kollaard provides leadership, technical guidance to other project staff, senior review of deliverables and direct consulting to clients. His work experience has included: project management, conducting site and field work, business development, report and proposal writing and review. His duties also include providing technical and professional advice to various clients throughout the industry. Mr. Kollaard provides liaison between clients, other stakeholders, regulatory officials and legal counsel where required.

As principal, Mr. Kollaard actively participates in the direction and planning of the company, and has various active roles in mentorship, business development, protocols and procedures and quality control/quality assurance.

Kollaard Associates is an engineering consulting firm that provides a complete range of engineering services for developers, builders and homeowners in Eastern Ontario. Kollaard Associates specializes in providing civil, structural, geotechnical, hydrogeological and environmental services to our clients. Kollaard Associates Inc. has been established as a team of engineers and consultants since 2005. Mr. William Kollaard is responsible for the overall company development and management of the firm.

KEY PLAN	FIGURE 1



NOT TO SCALE

Kollaard Associates
Engineers

Project No. 170717

Date November 2017

DRAWING NUMBER:
FIGURE 2

LEGEND:

PHASE I STUDY AREA

SITE BOUNDARY

PCAs

Item 27–Garages

Item 28–Gasoline and Associated Products Storage in Fixed Tanks

Item 34–Metal Fabrication

Item 35–Mining, Smelting and Refining

NO ANSIs ARE IDENTIFIED AT SITE OR WITHIN PHASE I STUDY AREA

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING REPORT.

REFERENCE: PLAN SUPPLIED BY CITY OF OTTAWA EMAPS

REV.	NAME	DATE	DESCRIPTION

Kollaard Associates
Engineers
PO, BOX 189, 210 PRESCOTT ST
KEMPTVILLE ONTARIO
K0G 1J0 FAX (613) 258–0475
http://www.kollaard.ca
(613) 860–0923
info@kollaard.ca

CLIENT:
SIMON SAAB AND JEFFREY ABBOUD

PROJECT:
PHASE I ENVIRONMENTAL SITE ASSESSMENT
CONCEPTUAL SITE MODEL
PHASE I STUDY AREA

LOCATION:
65 ACACIA AVENUE
CITY OF OTTAWA, ONTARIO

DESIGNED BY:	*DATE:*
––	NOVEMBER 2017
DRAWN BY:	*SCALE:*
CV	AS SHOWN

KOLLAARD FILE NUMBER:
170717

ATTACHMENT A

TITLE SEARCH DOCUMENTATION

Attn: Colleen Vermeersch

ENVIRONMENTAL SEARCH

Re: 2 Properties at 65 Acacia St. Ottawa

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	1843 Mar 4	Crown	Donald MacKay
GC7614	Court Order	July 13 1886	Court of Chancery	Christina Mackay
CR 43025	Deed	Jan 16 1895	Christina Mackay	Victoria E. Thompson
CR 75800	Deed	Dec 19 1905	Victoria E. Thompson	John J. Bethune
CR 81867	Deed	June 15 1907	John J. Bethune	James Robinson
CR 185044	Deed	Sept 1 1926 (1926)	Estate of James Robinson	John Harold Putman
CR 208929	Deed	Dec 6 1932	John Harold Putman	Alice B. Frith
CR 273372	Deed	Jan 25 1937	Alice B. Frith	Rowley C. Frith Alice B. Frith

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
CR558549	Deed	May 14 1969	Rowley C. Frith Alice B. Frith	Alice B. Frith
N585254	Deed	May 1 1980	Alice B. Frith	Richard Dan Guy Morrison
OC1148474	Deed	Aug 16 2010	Richard Dan Guy Morrison	Simon Saat Antoine Galatan
OC1935781	Deed	Oct 2 2017	Antoine Galatan (1/2 Interest)	Jeffrey Attoud (Lot 10)
* Legal Description PIN 04225- Interest each.		for this 0273.	parcel is: Lot 10, Plan owners are Simon Saat	189537, City of Ottawa & Jeffrey Attoud, 50%
				OC1148474
* Note - See Pages previous		1 & 2 up	until Instrument No. owners of the chain of title contained below.	for the
OC1846955	Deed	Nov 17 2016	Simon Saat Antoine Galatan	Simon Saat (Lot 11)

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
OC1936214	Deed	Oct 2 2017	Demian Arab	Jeffery Attard (Current owner - Lot 11)
* Legal description for this PIN 04225-0274.			parcel is: Lot 11, Plan	189537, City of Ottawa.
			Oct 11/17.	

ATTACHMENT B

TOPOGRAPHIC MAP


N
Approximate Site
Lac McKay Lake
av. Princess Ave.
av. Acacia Ave.
ch. Springfield Rd.
ch. Hemlock Rd.
av. Mariposa Ave.
rue Maple Lane
tsse. Rideau
rue MacKay St.
rue Avon Lane
rue River Lane
rue Crichton St.
av. Beechwood Ave.
av. Marier Ave.
av. Putman Ave.
rue Barrette St.
rue Laval St.
rue Landry St.
rue Ethel St.
rue Carillon St.
prom. Vanier Pky.
av. King Edward
Rivière Rideau River

ATTACHMENT C

AIR PHOTOGRAPHS

AIR PHOTOGRAPH

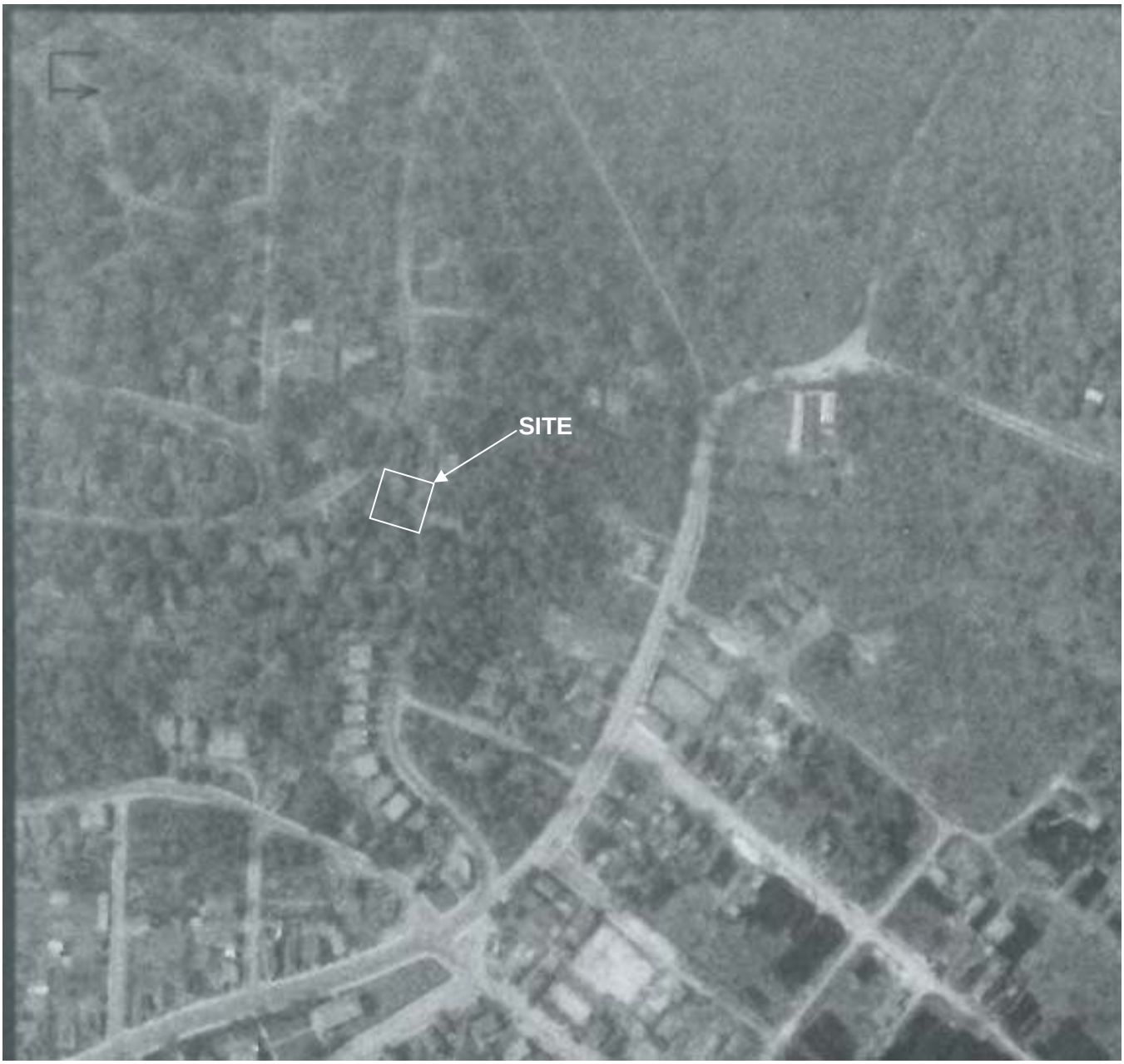
1928

Kollaard Associates
Engineers

Project No. 170717

Date November 2017

AIR PHOTOGRAPH



1937

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Date November 2017

AIR PHOTOGRAPH

1956

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Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH

1965

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Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH

1981

Kollaard Associates
Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH

1991

Kollaard Associates
Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH

2002

Kollaard Associates
Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH

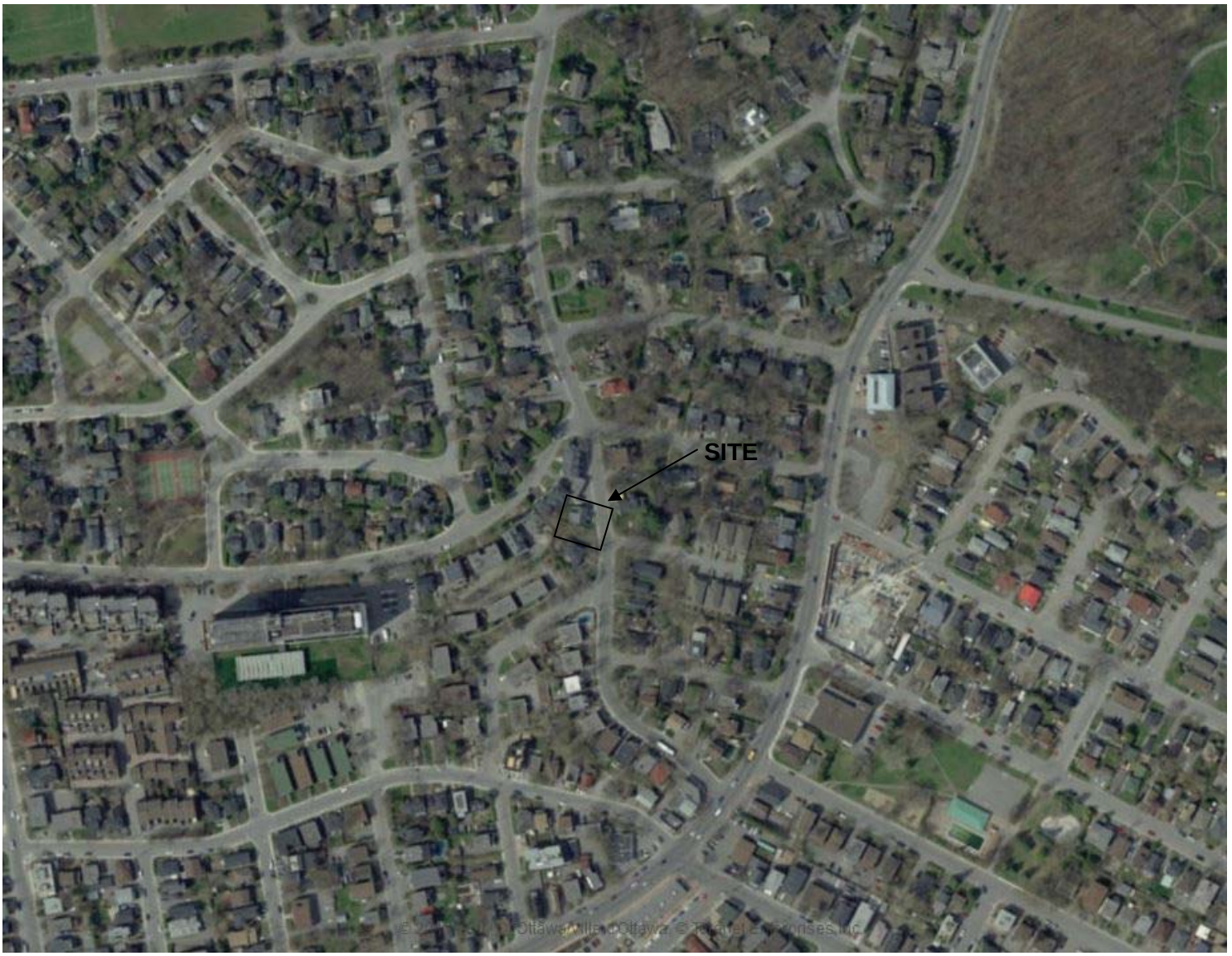
2005

Kollaard Associates
Engineers

Project No. 170717

Date October 2017

AIR PHOTOGRAPH



2014

Kollaard Associates
Engineers

Project No. 170717

Date October 2017

ATTACHMENT D

PROVINCIAL DATABASE RESULTS

Ontario — Ministry of the Environment

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. (Place Sticker and/or Print Below) A 097218 A097218

Well Record

Regulation 903 Ontario Water Resources Act

7625 Page 4 of 5

[redacted]

Address of Well Location (Street Number/Name): 200 Rideau Terrace

Township | Lot | Concession

County/District/Municipality

City/Town/Village: Ottawa

Province: Ontario

Postal Code

UTM Coordinates: NAD 83 | Zone: 18 | Easting: 447176 | Northing: 5032392

Municipal Plan and Sublot Number

Other: WKQ-002790 A0 - A03

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Brn	Sand	Cobbles	Hard, dry	0	6.1
Gry	Cobbles	Sand	Hard, wet	6.1	6.71

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete/flushmount	
.31	4.57	Bensea	
4.57	6.71	Sand	

Method of Construction

☐ Cable Tool ☐ Diamond
☑ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☒ Other, specify: Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
7.74	PVC	.64	0	4.88

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
8.38	PVC	10	4.88	6.71

Status of Well

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

Water Details

Water found at Depth (m/ft)	Gas	Kind of Water: Fresh	Untested	Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	6.71	2032

Results of Well Yield Testing

After test of well yield, water was:
☐ Clear and sand free
☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Map of Well Location

Please provide a map below following instructions on the back.

See Map #4

Comments: General contractor: Pinchin Environmental

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling Inc.

Well Contractor's Licence No.: 7241

Business Address (Street Number/Name): 147-2 West Beaver Creek Road

Municipality: Richmond Hill

Province: Ontario

Postal Code: L4B 1C6

Business E-mail Address: wrecords@stratasoil.com

Bus. Telephone No. (inc. area code): 905-764-9304

Name of Well Technician (Last Name, First Name): Muir, Mike

Well Technician's Licence No.: 3448

Signature of Technician and/or Contractor

Date Submitted: 2010/07/30

Well owner's information package delivered: ☐ Yes ☒ No

Date Package Delivered

Date Work Completed: 2010/07/15

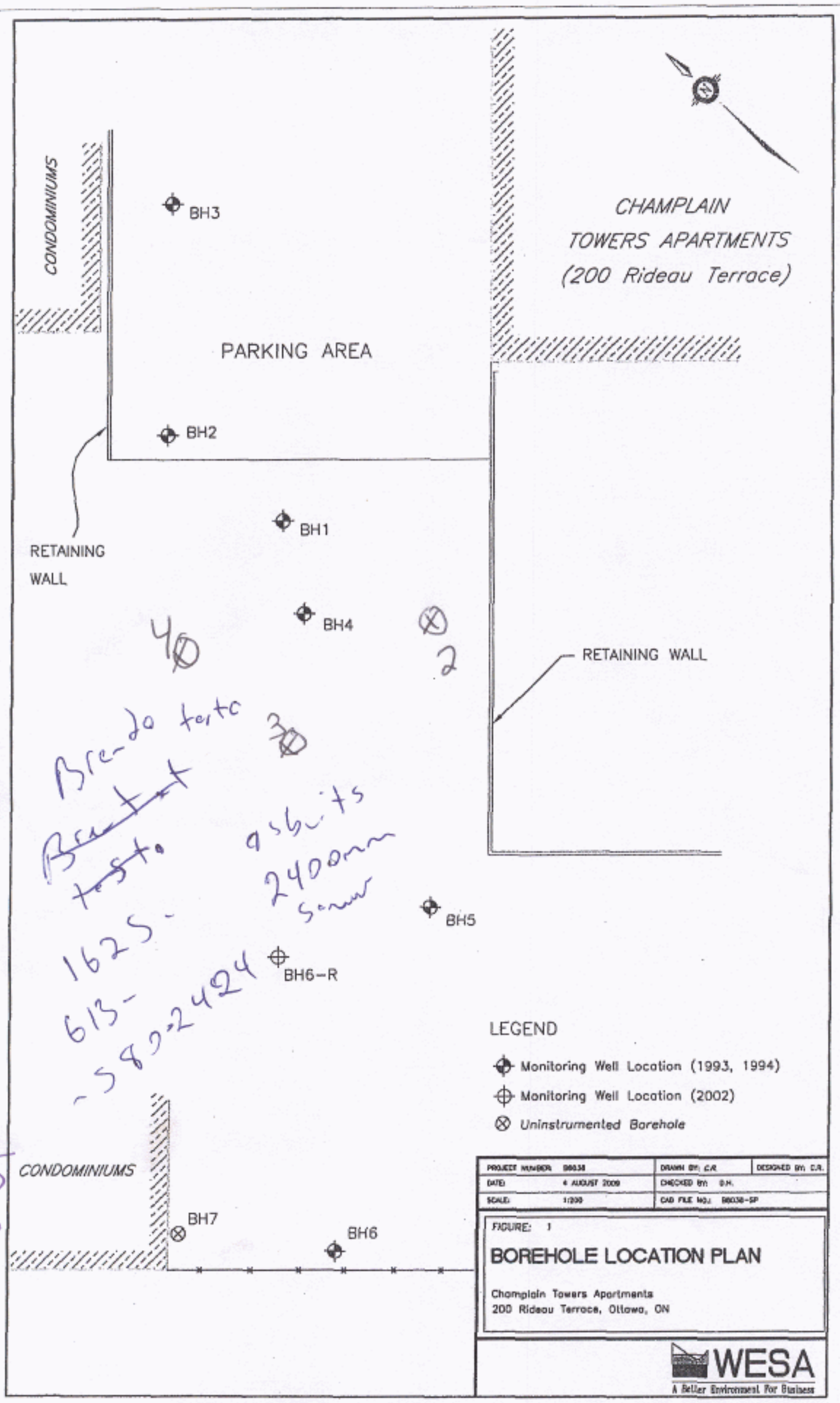
Ministry Use Only

Audit No. Z118987

Received: AUG 05 2010

BB, 1796

7625



PROJECT NUMBER: 06038	DRAWN BY: C.R.	DESIGNED BY: C.R.
DATE: 4 AUGUST 2009	CHECKED BY: D.H.	
SCALE: 1:200	CAD FILE NO.: 06038-SP	

FIGURE: 1

BOREHOLE LOCATION PLAN

Champlain Towers Apartments
200 Rideau Terrace, Ottawa, ON

WESA
A Better Environment For Business

C-7241
Z118988
Z118985
Z118986
Z118987

AUG 05 2010

Ontario

Record of Site Condition
Under Part XV.1 of the Environment Protection Act

Summary

Record of Site Condition Number	213106
Date Filed to Environmental Site Registry	2014/04/09
Certification Date	2014/02/06
Current Property Use	Commercial
Intended Property Use	Residential
Certificate of Property Use Number	No CPU
Applicable Site Condition Standards**	Full Depth Generic Site Conditions Standard, with Non-potable Ground Water, Coarse Textured Soil, for Residential property use
Property Municipal Address	9 MARQUETTE AVENUE, OTTAWA, ON, K1L 5K3, 10 JOLIETTE AVENUE, OTTAWA, ON, K1L 5H5, 222 BEECHWOOD AVENUE, OTTAWA, ON, K1L 8A7

Notice to Readers Concerning Due Diligence

This record of site condition has been filed in the Environmental Site Registry to which the public has access and which contains a notice advising users of the Environmental Site Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Environmental Site Registry.

Contents of this Record of Site Condition

This record of site condition consists (RSC) of this document which is available to be printed directly from the Environmental Site Registry as well as all supporting documentation indicated in this RSC to have been submitted in electronic format to the Ministry of the Environment.

PART 1: PROPERTY OWNERSHIP, PROPERTY INFORMATION AND OWNER'S CERTIFICATIONS

Information about the owner who is submitting or authorizing the submission of the RSC

Owner Name	THE KAVANAUGH ON BEECHWOOD INC.
Authorized Person	ROCH CHEVRIER
Mailing Address	1, 371 RICHMOND ROAD, OTTAWA ONTARIO, CANADA
Postal Code	K2A 0E7
Phone	(613) 728-0388
Fax	
Email Address	

Filed Record of Site Condition # 213106 on 2014/04/09 2 of 16

RSC Property Location Information

Municipal Address(es)	222 BEECHWOOD AVENUE, OTTAWA, ON K1L 8A7 9 MARQUETTE AVENUE, OTTAWA, ON K1L 5K3 10 JOLIETTE AVENUE, OTTAWA, ON K1L 5H5
Municipality	Ottawa
Legal Description	**See Attached Lawyer's Letter**
Assessment Roll Number(s)	06-09-210-401-45000 06-09-210-401-21500 06-09-210-401-21400
Property Identifier Number(s)	04235-0588 (LT) 04235-0002 (LT) 04235-0014 (LT)

RSC Property Geographical References

Coordinate System	**UTM**
Datum	**NAD 83**
Zone	18
Easting	447,591.00
Northing	5,032,445.00

RSC Property Use Information

The following types of property uses are defined by the Regulation: Agricultural or other use, Commercial use, Community use, Industrial use, Institutional use, Parkland use, and Residential use.

Current Property Use	Commercial
Intended Property Use	Residential
Certificate of Property Use has been issued under section 168.6 of the EPA	No

Filed Record of Site Condition # 213106 on 2014/04/09 3 of 16

patersongroup **memorandum**

consulting engineers

to:	Domicile Developments - **Mr. Roch Chevrier** - roch@domicile.ca
re:	Conceptual Site Model - Narrative Component **Record of Site Condition - 222 Beechwood Avenue, 9 Marquette Avenue, 8-10 Joliette Avenue, Ottawa, Ontario**
date:	February 6, 2014
file:	PE2284-MEMO.05R
from:	Dan Arnott

The following provides a narrative description of the Conceptual Site Model of the RSC property, comprising the property addressed as 222 Beechwood Avenue, 9 Marquette Avenue, and 8-10 Joliette Avenue, Ottawa, Ontario ("RSC Property"). This memorandum is to be read in conjunction with the following drawings:

- ❏ Drawing PE2284-4 - Site Plan
- ❏ Drawing PE2284-5 - Surrounding Land Use Plan
- ❏ Drawing PE2284-6R - Test Hole Location Plan
- ❏ Drawing PE2284-7 - Groundwater Contour Plan
- ❏ Drawing PE2284-8R - Cross-Sections
- ❏ Drawing PE2284-9R - Remediation Plan
- ❏ Drawing PE2284-10 - Contaminant Transport

Site Description

Potentially Contaminating Activity

Based on the results of the Phase I ESA completed for the RSC property, several Potentially Contaminating Activities were identified on the RSC property and within the Phase I study area. Existing and/or historical on-site and off-site PCAs are shown on Drawing PE2284-5 - Surrounding Land Use Plan.

Areas of Potential Environmental Concern

Based on the evaluation of the previously identified Potentially Contaminating Activities, the following Areas of Potential Environmental Concern were identified:

- ❑ Presence of Kavanaugh Garage on the subject site (222 Beechwood Avenue) (1952-2013); Item 27, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Garages, etc".

- ❑ Presence of retail fuel outlet on the subject site (222 Beechwood Avenue) (1954-2013); Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Gasoline and Associated Products Storage in Fixed Tanks".

- ❑ Presence of waste oil and furnace oil storage tanks on subject site (222 Beechwood Avenue) observed during site visit; Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Gasoline and Associated Products Storage in Fixed Tanks".

- ❑ Fill material encountered on the subject site (9 Marquette Avenue and 8-10 Joliette Avenue) observed during Phase II ESA; Item 30, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Importation of Fill Material of Unknown Quality".

- ❑ Former automotive service garage (1960s-1980s) located approximately 60 m to the north of the subject site (249 Garneau Street); Item 27, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Garages, etc".

- ❑ Former retail fuel outlet (1950s-1970s) located approximately 115 m to the north of the subject site (266 Beechwood Avenue); Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: "Gasoline and Associated Products Storage in Fixed Tanks".

Additional PCAs located within the Phase I ESA study area are not considered to represent APECs with respect to the subject site.

ATTACHMENT E

CITY OF OTTAWA CORRESPONDENCE

65 ACACIA AVE

PIN: 042250274

LEGAL DESCRIPTION / DESCRIPTION OFFICIELLE

PIN	LEGAL DESCRIPTION / DESCRIPTION OFFICIELLE
042250274	PLAN 189537 LS 10 TO 11

PROPERTY DIMENSIONS / DIMENSIONS DE LA PROPRIÉTÉ

	042250274
FRONTAGE - ft / FAÇADE - pi:	45.00
DEPTH - ft / PROFONDEUR - pi:	61.50
PROPERTY AREA - ft² / SUPERFICIE pi²:	2767.5000

SERVICES / SERVICES

PIN	WASTE COLLECTION PICK-UP DAY AND ZONE / JOUR ET ZONE DE LA COLLECTE DES ORDURES
042250274	Z3 City TUE A

WARD INFORMATION / INFORMATIONS WARD

PIN	WARD NUMBER / NUMÉRO DU QUARTIER	WARD NAME / NOM DU QUARTIER	COUNCILLOR NAME / NOM DU CONSEILLER - (ÈRE)
042250274	13	RIDEAU-ROCKCLIFFE	Tobi Nussbaum

ATTACHMENT F

ECOLOG ERIS – ENVIRONMENTAL RISK INFORMATION SERVICES

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase I ESA* *65 Acacia Ave* *Ottawa ON K1M0P5*
Project No:	*170717*
Report Type:	*Standard Report*
Order No:	*20170929063*
Requested by:	*Kollaard Associates Inc.*
Date Completed:	*October 6, 2017*

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

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property: *Phase I ESA*
65 Acacia Ave Ottawa ON K1M0P5

Project No: *170717*

Coordinates:

Latitude:	*45.443962*
Longitude:	*-75.672389*
UTM Northing:	*5,032,490.80*
UTM Easting:	*447,416.30*
UTM Zone:	*UTM Zone 18T*

Elevation: *229 FT*
69.66 M

Order Information:

Order No: *20170929063*
Date Requested: *September 29, 2017*
Requested by: *Kollaard Associates Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	20	20
CA	Certificates of Approval	Y	0	3	3
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	24	24
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	8	8
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	21	21
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	3	3
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	22	22
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	2	2
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	4	4
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	5	5
	Total:		0	126	126

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	HINC		101 BLACK MAPLE [PRIVATE] OTTAWA ON	E/80.6	-7.51	24
2	CA	OTTAWA CITY	ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	WNW/83.7	4.74	24
2	CA	R.M. OF OTTAWA-CARLETON	ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	WNW/83.7	4.74	24
3	CA	Uniform Urban Developments Ltd.	25 Carsdale Avenue Ottawa ON	ESE/94.3	-9.14	25
3	ECA	Uniform Urban Developments Ltd.	25 Carsdale Avenue Ottawa ON K2G 5X3	ESE/94.3	-9.14	25
3	GEN	ROCKCLIFF PARK, VILLAGE OF 33-857	25 CARSDALE AVE. ROCKCLIFFE ON K1M 1J7	ESE/94.3	-9.14	25
3	RSC	Uniform Urban Developments Ltd.	25 CARSDALE AVE, ROCKCLIFFE, ON, K1M 1J7 Rockcliffe ON K1M 1J7	ESE/94.3	-9.14	26
4	GEN	Ruth Kawfman	249 Beechwood Rockcliffe ON K1M 1L2	E/131.2	-10.44	26
5	SPL	PRIVATE OWNER	241 BEECHWOOD AVE. STORAGE TANK/BARREL ROCKCLIFFE PARK VILL. ON K1M 1L2	E/137.7	-10.73	26
6	SCT	WAWA DESIGN	105 PUTMAN AVE OTTAWA ON K1M 1Z5	SW/148.1	-7.79	27
6	SCT	Wawa Design Reg'd.	105 Putman Ave Ottawa ON K1M 1Z5	SW/148.1	-7.79	27
7	BORE		ON	E/149.9	-11.79	27
8	EHS		259 Beechwood Ave Ottawa On Ottawa ON K1M1K6	ENE/150.2	-9.43	28
9	BORE		ON	ESE/150.8	-12.87	28
10	BORE		ON	E/151.3	-11.82	29
11	EHS		455 Green Ave Ottawa ON	SE/152.1	-11.84	29
12	BORE		ON	ESE/154.1	-11.56	29
13	BORE		ON	E/157.6	-11.09	30
14	BORE		ON	SE/162.0	-12.26	30
15	SPL	Enbridge Gas Distribution Inc.	Beachwood and Marquette Ottawa ON	ESE/164.7	-12.79	31
16	ECA	City of Ottawa	South of Keefer & Stanley Streets Intersection S Ottawa ON K2G 6J8	SSE/166.9	-10.08	31
16	ECA	City of Ottawa	Keefer St , (Keefer Street and River Lane) Ottawa ON K2G 6J8	SSE/166.9	-10.08	32
16	ECA	The Corporation of the City of Ottawa	Ivy Crescent (MacKay to MacKay) Ottawa ON K1N 5A1	SSE/166.9	-10.08	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	ECA	City of Ottawa	Avon Lane Ottawa ON K2G 6J8	SSE/166.9	-10.08	32
16	ECA	City of Ottawa	Queen Victoria Street and Avon Lane Ottawa ON K1S 5K2	SSE/166.9	-10.08	32
16	ECA	City of Ottawa	Sussex Drive (King Edward Ave , to Mackay St.) Ottawa ON K1P 1J1	SSE/166.9	-10.08	33
16	ECA	City of Ottawa	Queen Victoria Street and Avon Lane Ottawa ON K1S 5K2	SSE/166.9	-10.08	33
16	ECA	City of Ottawa	Keefer Street (Stanley Ave. to Crichton St.) Ottawa ON K2G 6J8	SSE/166.9	-10.08	33
16	ECA	The Regional Municipality of Ottawa-Carleton	Chapleau Putman and Langevin Ottawa ON K2P 2L7	SSE/166.9	-10.08	33
16	ECA	The Regional Municipality of Ottawa-Carleton	Ivy Cres. Putman Ave. Bertrand St Ottawa ON K2P 2L7	SSE/166.9	-10.08	34
16	ECA	City of Ottawa	Avon Lane(Dufferin to 90 m West) Ottawa ON K1N 5A1	SSE/166.9	-10.08	34
16	ECA	City of Ottawa	Sussex Drive (Stanley St , to Mackay St.) , Ottawa City, Ottawa ON K1P 1J1	SSE/166.9	-10.08	34
16	ECA	City of Ottawa	South of Keefer & Stanley Streets Intersection S Ottawa ON K1P 1J1	SSE/166.9	-10.08	34
16	ECA	City of Ottawa	Avon Lane and MacKay Street Ottawa ON K2G 6J8	SSE/166.9	-10.08	34
16	ECA	City of Ottawa	Sussex Drive (King Edward Ave , to Mackay St.) Ottawa ON K1P 1J1	SSE/166.9	-10.08	35
16	ECA	The Corporation of the City of Ottawa	Chapleau Putman and Langevin Ottawa ON K1N 5A1	SSE/166.9	-10.08	35
16	ECA	City of Ottawa	Keefer Street (Stanley Ave. to Crichton St.) Ottawa ON K2G 6J8	SSE/166.9	-10.08	35
16	ECA	City of Ottawa	Avon Lane(Dufferin to 90 m West) Ottawa ON K1N 5A1	SSE/166.9	-10.08	35
17	BORE		ON	E/167.4	-11.09	36
18	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	36
18	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	36
18	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	37
18	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	37
18	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	37
18	FST	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	37
18	FST	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	38
18	FST	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/170.5	-13.35	38
18	INC		222 BEECHWOOD AVENUE, OTTAWA ON	ESE/170.5	-13.35	38

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	PINC		222 Beechwood, Ottawa ON	ESE/170.5	-13.35	39
19	BORE		ON	SE/171.0	-12.48	40
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/179.5	-13.35	40
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/179.5	-13.35	40
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/179.5	-13.35	41
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE/179.5	-13.35	41
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE/179.5	-13.35	41
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE/179.5	-13.35	41
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE/179.5	-13.35	42
20	EXP	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE/179.5	-13.35	42
20	FSTH	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/179.5	-13.35	42
20	FSTH	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE/179.5	-13.35	43
20	GEN	KAVANAUGH'S ESSO	222 BEACHWOOD AVE VANIER ON	ESE/179.5	-13.35	44
20	GEN	Domicile Developments INC.	222 Beechwood Avenue Ottawa ON	ESE/179.5	-13.35	44
20	PRT	KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L8A7	ESE/179.5	-13.35	44
20	PTTW	The Kavanaugh on Beechwood Inc.	222 Beechwood Avenue Ottawa ON K1L 8A7	ESE/179.5	-13.35	44
20	PTTW	The Kavanaugh on Beechwood Inc.	222 Beechwood Ave Ottawa ON K1L 8A7	ESE/179.5	-13.35	45
20	RST	KAVANAUGH'S ESSO SERVICE CENTRE	222 BEECHWOOD AVE VANIER ON K1L 8A7	ESE/179.5	-13.35	45
20	RST	KAVANAUGH'S ESSO SERVICE CENTRE	222 BEECHWOOD AVE VANIER ON K1L8A7	ESE/179.5	-13.35	45
21	EHS		141 Beechwood Ave Ottawa ON K1M 1L4	SSE/180.9	-11.73	45
22	WWIS		ON	E/183.7	-12.84	46
23	BORE		ON	SE/188.9	-12.35	46
24	GEN	City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE/190.6	-12.79	47
24	GEN	City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE/190.6	-12.79	47
24	GEN	City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE/190.6	-12.79	47
24	GEN	City of Ottawa Parks, Bldg & Grounds Ops & Mtce Branch	220 Beechwood Avenue Ottawa ON K1L 8A8	SE/190.6	-12.79	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	BORE		ON	SE/193.4	-12.79	48
26	WWIS		Ottawa ON	SSE/196.5	-11.73	48
27	EHS		200 Rideau Terrace Ottawa ON K1M 0Z3	WSW/196.8	-4.76	51
27	GEN	HOMESTEAD LAND HOLDINGS LIMITED	200 RIDEAU TERRACE OTTAWA ON K1M 0Z3	WSW/196.8	-4.76	51
27	GEN	HOMESTEAD LAND HOLDINGS LIMITED	200 RIDEAU TERRACE OTTAWA ON K1M 0Z3	WSW/196.8	-4.76	52
27	GEN	Homestead Land Holdings Limited	200 Rideau Terrace Ottawa ON	WSW/196.8	-4.76	52
28	BORE		ON	SSE/198.5	-11.70	52
29	RSC		9 MARQUETTE AVENUE, OTTAWA, ON K1L 5K3 Ottawa ON	ESE/201.2	-13.73	53
30	BORE		ON	N/204.1	1.53	53
31	BORE		ON	WSW/204.2	-1.79	54
32	EHS		266 Beechwood Ave Ottawa (formerly Vanier) ON K1L 8A6	ENE/204.6	-12.82	55
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE/204.6	-12.82	55
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE/204.6	-12.82	55
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE/204.6	-12.82	56
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE/204.6	-12.82	56
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE/204.6	-12.82	56
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave Ottawa ON	ENE/204.6	-12.82	57
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE/204.6	-12.82	57
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE/204.6	-12.82	57
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE/204.6	-12.82	58
32	GEN	Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE/204.6	-12.82	58
33	BORE		ON	SSE/211.4	-11.70	58
34	BORE		ON	NW/212.8	7.21	59
35	EHS		196 Beechwood Ave Ottawa ON K1L8A9	SSE/217.8	-12.90	59
35	SPL	PRIVATE RESIDENCE	196 BEECHWOOD AVE FURNACE OIL TANK VANIER CITY ON K1L 8A9	SSE/217.8	-12.90	60
36	EHS		12 Jolliet Ave Ottawa ON K1L5H5	ESE/221.0	-13.75	60

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	60
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	61
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	61
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON	SSE/222.8	-12.79	61
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON	SSE/222.8	-12.79	61
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	61
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	62
37	EXP	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE/222.8	-12.79	62
37	PRT	BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L8A9	SSE/222.8	-12.79	62
37	SPL	PETRO-CANADA	PETROCANADA AT 188 BEACHWOOD AVE SERVICE STATION VANIER CITY ON	SSE/222.8	-12.79	62
38	GEN	Homstead Land Holdings Limited	200 Rideau Terrace Ottawa ON K1M 0Z3	WSW/222.9	-5.08	63
39	BORE		ON	SSE/223.9	-11.70	63
40	PINC		249 GARNEAU ST, VANIER ON	E/224.2	-13.09	63
41	BORE		ON	NNE/224.5	-2.10	64
42	BORE		ON	SSE/227.2	-11.79	64
43	ECA	City of Ottawa	Lisgar Road and Princess Avenue Ottawa ON K2G 6J8	N/229.9	2.52	65
43	ECA	City of Ottawa	Lisgar Road and Princess Avenue Ottawa ON K2G 6J8	N/229.9	2.52	65
43	ECA	City of Ottawa	Princess Avenue Ottawa ON K1P 1J1	N/229.9	2.52	65
43	ECA	City of Ottawa	Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road Ottawa ON K2G 6J8	N/229.9	2.52	66
43	ECA	City of Ottawa	Ottawa ON K2G 6J8	N/229.9	2.52	66
44	BORE		ON	S/231.1	-12.12	66
45	EHS		121 Beechwood Ave Ottawa ON K1M1L5	S/233.1	-11.79	67
46	BORE		ON	S/239.3	-11.79	67
47	WWIS		OTTAWA ON	WSW/242.3	-2.50	67
48	WWIS		OTTAWA ON	WSW/244.5	-5.07	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
49	WWIS		OTTAWA ON	WSW/248.1	-2.50	72

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 20 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	N	204.07	30
	ON	NW	212.83	34

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	149.88	7
	ON	ESE	150.80	9
	ON	E	151.30	10
	ON	ESE	154.09	12
	ON	E	157.59	13
	ON	SE	162.01	14
	ON	E	167.36	17
	ON	SE	170.98	19
	ON	SE	188.87	23
	ON	SE	193.38	25
	ON	SSE	198.47	28
	ON	WSW	204.16	31
	ON	SSE	211.45	33
	ON	SSE	223.85	39
	ON	NNE	224.55	41
	ON	SSE	227.22	42

	ON	S	231.13	44
	ON	S	239.34	46

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA CITY	ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	WNW	83.71	2
R.M. OF OTTAWA-CARLETON	ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	WNW	83.71	2

Lower Elevation	Address	Direction	Distance (m)	Map Key
Uniform Urban Developments Ltd.	25 Carsdale Avenue Ottawa ON	ESE	94.27	3

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 2017 has found that there are 24 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	Lisgar Road and Princess Avenue Ottawa ON K2G 6J8	N	229.86	43
City of Ottawa	Lisgar Road and Princess Avenue Ottawa ON K2G 6J8	N	229.86	43
City of Ottawa	Princess Avenue Ottawa ON K1P 1J1	N	229.86	43
City of Ottawa	Ottawa ON K2G 6J8	N	229.86	43
City of Ottawa	Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road Ottawa ON K2G 6J8	N	229.86	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
Uniform Urban Developments Ltd.	25 Carsdale Avenue Ottawa ON K2G 5X3	ESE	94.27	3
City of Ottawa	South of Keefer & Stanley Streets Intersection S Ottawa ON K2G 6J8	SSE	166.93	16
City of Ottawa	Keefer St , (Keefer Street and River Lane) Ottawa ON K2G 6J8	SSE	166.93	16
The Corporation of the City of Ottawa	Ivy Crescent (MacKay to MacKay) Ottawa ON K1N 5A1	SSE	166.93	16

City of Ottawa	Avon Lane Ottawa ON K2G 6J8	SSE	166.93	16
City of Ottawa	Queen Victoria Street and Avon Lane Ottawa ON K1S 5K2	SSE	166.93	16
City of Ottawa	Sussex Drive (King Edward Ave , to Mackay St.) Ottawa ON K1P 1J1	SSE	166.93	16
City of Ottawa	Queen Victoria Street and Avon Lane Ottawa ON K1S 5K2	SSE	166.93	16
City of Ottawa	Keefer Street (Stanley Ave. to Crichton St.) Ottawa ON K2G 6J8	SSE	166.93	16
The Regional Municipality of Ottawa-Carleton	Chapleau Putman and Langevin Ottawa ON K2P 2L7	SSE	166.93	16
The Regional Municipality of Ottawa-Carleton	Ivy Cres. Putman Ave. Bertrand St Ottawa ON K2P 2L7	SSE	166.93	16
City of Ottawa	Avon Lane(Dufferin to 90 m West) Ottawa ON K1N 5A1	SSE	166.93	16
City of Ottawa	Sussex Drive (Stanley St , to Mackay St.) , Ottawa City, Ottawa ON K1P 1J1	SSE	166.93	16
City of Ottawa	South of Keefer & Stanley Streets Intersection S Ottawa ON K1P 1J1	SSE	166.93	16
City of Ottawa	Avon Lane and MacKay Street Ottawa ON K2G 6J8	SSE	166.93	16
City of Ottawa	Sussex Drive (King Edward Ave , to Mackay St.) Ottawa ON K1P 1J1	SSE	166.93	16
The Corporation of the City of Ottawa	Chapleau Putman and Langevin Ottawa ON K1N 5A1	SSE	166.93	16
City of Ottawa	Keefer Street (Stanley Ave. to Crichton St.) Ottawa ON K2G 6J8	SSE	166.93	16
City of Ottawa	Avon Lane(Dufferin to 90 m West) Ottawa ON K1N 5A1	SSE	166.93	16

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	259 Beechwood Ave Ottawa On Ottawa ON K1M1K6	ENE	150.20	8
	455 Green Ave Ottawa ON	SE	152.11	11
	141 Beechwood Ave Ottawa ON K1M 1L4	SSE	180.87	21
	200 Rideau Terrace Ottawa ON K1M 0Z3	WSW	196.78	27
	266 Beechwood Ave Ottawa (formerly Vanier) ON K1L 8A6	ENE	204.56	32
	196 Beechwood Ave Ottawa ON K1L8A9	SSE	217.76	35

	12 Jolliet Ave Ottawa ON K1L5H5	ESE	220.98	36
	121 Beechwood Ave Ottawa ON K1M1L5	S	233.05	45

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 21 EXP site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON	ESE	179.46	20
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON	SSE	222.79	37

BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L 8A9	SSE	222.79	37

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	170.51	18

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	179.46	20
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L 8A7	ESE	179.46	20

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 22 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
ROCKCLIFF PARK, VILLAGE OF 33-857	25 CARSDALE AVE. ROCKCLIFFE ON K1M 1J7	ESE	94.27	3
Ruth Kawfman	249 Beechwood Rockcliffe ON K1M 1L2	E	131.22	4
KAVANAUGH'S ESSO	222 BEACHWOOD AVE VANIER ON	ESE	179.46	20
Domicile Developments INC.	222 Beechwood Avenue Ottawa ON	ESE	179.46	20
City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE	190.57	24
City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE	190.57	24
City of Ottawa	220 Beechwood Avenue Ottawa ON K1L 8A8	SE	190.57	24
City of Ottawa Parks, Bldg & Grounds Ops & Mtce Branch	220 Beechwood Avenue Ottawa ON K1L 8A8	SE	190.57	24

HOMESTEAD LAND HOLDINGS LIMITED	200 RIDEAU TERRACE OTTAWA ON K1M 0Z3	WSW	196.78	27
HOMESTEAD LAND HOLDINGS LIMITED	200 RIDEAU TERRACE OTTAWA ON K1M 0Z3	WSW	196.78	27
Homestead Land Holdings Limited	200 Rideau Terrace Ottawa ON	WSW	196.78	27
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave Ottawa ON	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE	204.56	32
Beechwood Animal Hospital	266 Beechwood Ave, Unit B Ottawa ON	ENE	204.56	32
Homstead Land Holdings Limited	200 Rideau Terrace Ottawa ON K1M 0Z3	WSW	222.87	38

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	101 BLACK MAPLE [PRIVATE] OTTAWA ON	E	80.59	1

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	222 BEECHWOOD AVENUE, OTTAWA ON	ESE	170.51	18

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	222 Beechwood, Ottawa ON	ESE	170.51	18
	249 GARNEAU ST, VANIER ON	E	224.19	40

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KAVANAUGH GARAGE LTD	222 BEECHWOOD AV VANIER ON K1L8A7	ESE	179.46	20
BEECHWOOD CANADA SERVICE STATION INC	188 BEECHWOOD AV VANIER ON K1L8A9	SSE	222.79	37

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Aug 2017 has found that there are 2 PTTW site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
The Kavanaugh on Beechwood Inc.	222 Beechwood Avenue Ottawa ON K1L 8A7	ESE	179.46	20
The Kavanaugh on Beechwood Inc.	222 Beechwood Ave Ottawa ON K1L 8A7	ESE	179.46	20

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Aug 2017 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Uniform Urban Developments Ltd.	25 CARSDALE AVE, ROCKCLIFFE, ON, K1M 1J7 Rockcliffe ON K1M 1J7	ESE	94.27	3
	9 MARQUETTE AVENUE, OTTAWA, ON K1L 5K3 Ottawa ON	ESE	201.21	29

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-May 2017 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KAVANAUGH'S ESSO SERVICE CENTRE	222 BEECHWOOD AVE VANIER ON K1L8A7	ESE	179.46	20
KAVANAUGH'S ESSO SERVICE CENTRE	222 BEECHWOOD AVE VANIER ON K1L 8A7	ESE	179.46	20

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Wawa Design Reg'd.	105 Putman Ave Ottawa ON K1M 1Z5	SW	148.15	6
WAWA DESIGN	105 PUTMAN AVE OTTAWA ON K1M 1Z5	SW	148.15	6

SPL - Ontario Spills

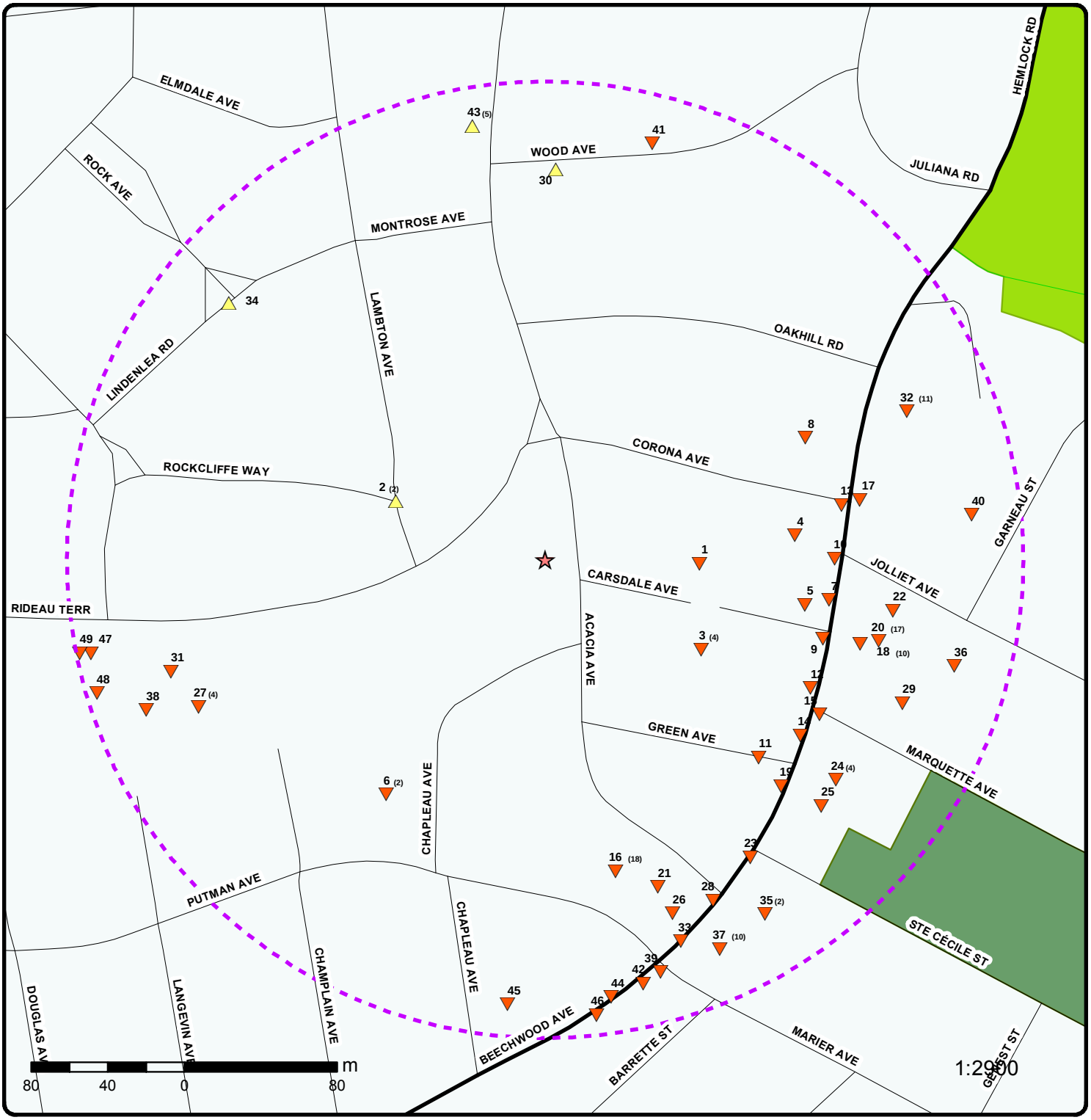
A search of the SPL database, dated 1988-Jun 2017 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
PRIVATE OWNER	241 BEECHWOOD AVE. STORAGE TANK/BARREL ROCKCLIFFE PARK VILL. ON K1M 1L2	E	137.69	5
Enbridge Gas Distribution Inc.	Beachwood and Marquette Ottawa ON	ESE	164.73	15
PRIVATE RESIDENCE	196 BEECHWOOD AVE FURNACE OIL TANK VANIER CITY ON K1L 8A9	SSE	217.76	35
PETRO-CANADA	PETROCANADA AT 188 BEACHWOOD AVE SERVICE STATION VANIER CITY ON	SSE	222.79	37

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	183.69	22
	Ottawa ON	SSE	196.49	26
	OTTAWA ON	WSW	242.25	47
	OTTAWA ON	WSW	244.49	48
	OTTAWA ON	WSW	248.14	49



Map : 0.25 Kilometer Radius

Order No: 20170929063

Address: 65 Acacia Ave, Ottawa, ON, K1M0P5

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

75°40'30"W

45°27'N

45°27'N

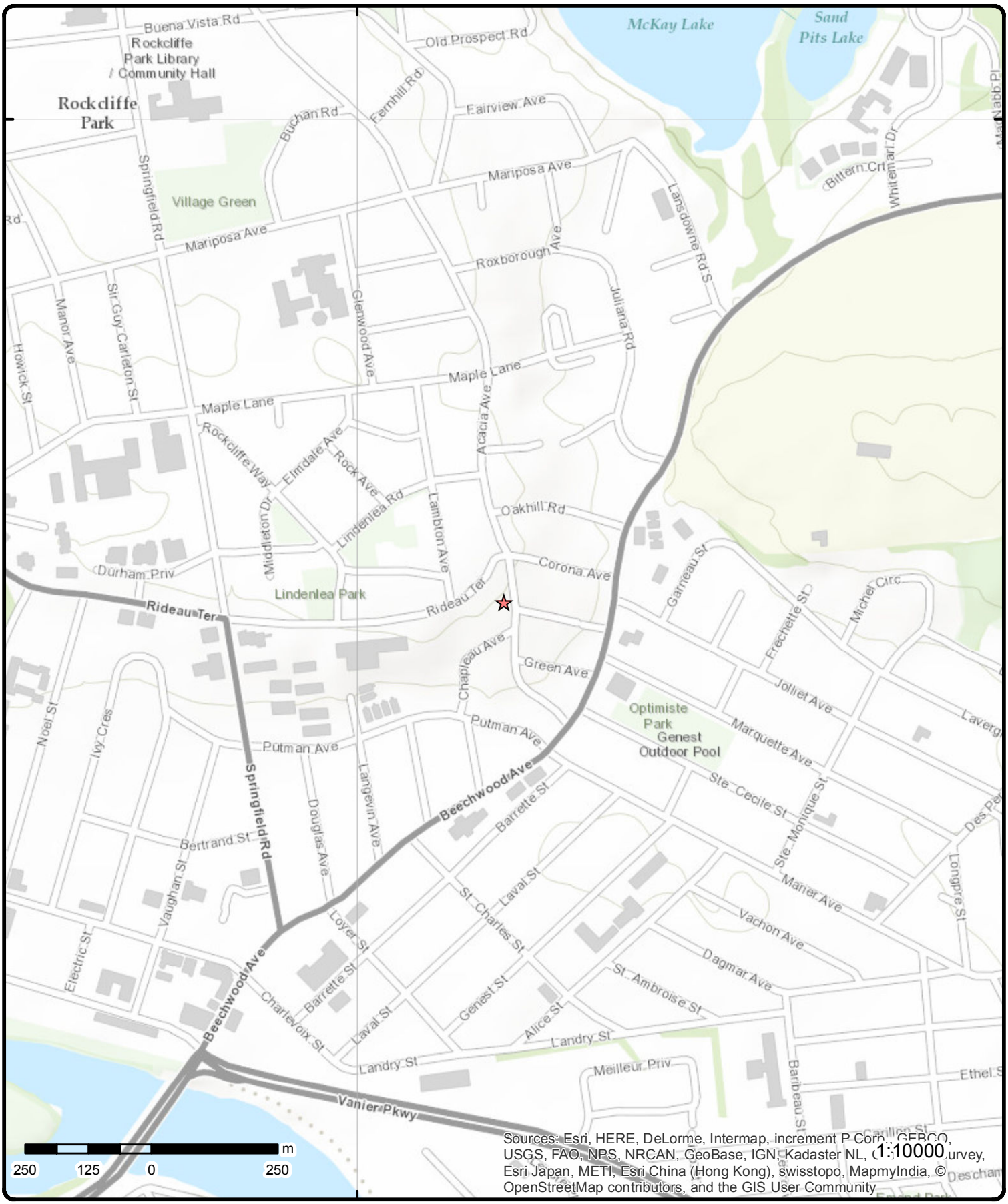
Aerial

Order No: 20170929063

Address: 65 Acacia Ave, Ottawa, ON, K1M0P5

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 65 Acacia Ave, Ottawa, ON, K1M0P5

Source: ESRI World Topographic Map

Order No: 20170929063

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	E/80.6	62.2	101 BLACK MAPLE [PRIVATE] OTTAWA ON	HINC

External File Num: FS INC 0806-03159
Date of Occurrence: 6/19/2008
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc:: Completed - Causal Analysis(End)
Job Type Desc:: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:: Private Dwelling
Service Interruptions:: Yes
Property Damage:: No
Fuel Life Cycle Stage:: Utilization
Root Cause:: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No
Reported Details::
Fuel Category:: Gaseous Fuel
Occurrence Type:: Incident
Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:: Ottawa
Approx. Quant. Rel::
Nearby body of water::
Enter Drainage Syst.::
Approx. Quant. Unit::
Environmental Impact::

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	1 of 2	WNW/83.7	74.4	OTTAWA CITY ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	CA

Certificate #: 3-0352-94-
Application Year: 94
Issue Date: 4/25/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
2	2 of 2	WNW/83.7	74.4	R.M. OF OTTAWA-CARLETON ROCKCLIFFE WAY/LAMBTON AVE. OTTAWA CITY ON	CA

Certificate #: 7-0264-94-
Application Year: 94
Issue Date: 4/25/1994
Approval Type: Municipal water
Status: Approved

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

Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	1 of 4	ESE/94.3	60.5	Uniform Urban Developments Ltd. 25 Carsdale Avenue Ottawa ON	CA

Certificate #: 7397-6RZNW7
Application Year: 2006
Issue Date: 8/2/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	2 of 4	ESE/94.3	60.5	Uniform Urban Developments Ltd. 25 Carsdale Avenue Ottawa ON K2G 5X3	ECA

Project Type: Municipal and Private Sewage Works
Approval No: 7397-6RZNW7
Date: 2006-08-02
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/2708-6RLLFL-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	3 of 4	ESE/94.3	60.5	ROCKCLIFF PARK, VILLAGE OF 25 CARSDALE AVE. ROCKCLIFFE ON K1M 1J7	33-857 GEN

Generator No.: ON1530600
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 8359
SIC Description: OTHER GEN. ADMIN.

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	4 of 4	ESE/94.3	60.5	Uniform Urban Developments Ltd. 25 CARSDALE AVE, ROCKCLIFFE, ON, K1M 1J7 Rockcliffe ON K1M 1J7	RSC

Reg No: 3595
RSC Type:
Current Property Use: Industrial
District Office: OTTAWA
Date Submitted: 17-Aug-06
Date Ack:
Date Returned:
Cert Date: 3-Aug-06
Cert Prop Use No: No CPU
Restoration Type:
Soil Type:
Criteria:
Prop. ID No: 04226 - 0215 LT
Asmt Roll No:
Intended Prop Use: Residential
Nm of Qual. Person: Mr. George Georgaras
Stratified (Y/N):
Audit (Y/N):
Accuracy Estimate: 21 to 100 meters
Mailing Address: Suite 300, 117 CENTREPOINTE DR, NEPEAN, ON, K2G 5X3
Telephone: 613-2250770x244
Fax: 613-7231675
Email: ggeorgaras@uniformdevelopments.com
CPU Issued Sect 1686: No
Entire legal prop. (Y/N): Yes
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
Consultant:
Filing Owner:
Legal Desc: Firstly: Lots 29, 30 and 31, Part of Rear Passage east and Lot 29, as closed by Judge's Order registered as LT113018, and Part of Carsdale Avenue closed by By-law Registered as LT37839, Plan 4M-30, Designated as Part 1 on 4R-21126, City of Ottawa. Secondly: Part of Carsdale Avenue closed by By-Law registered as LT37839, plan 4M-30, Designated as Part 2 on 4R-21126, City of Ottawa. Thirdly: Lots 16, 17, Part of Lot 18 and Part of Carsdale Avenue closed by By-Law registered as LT37839, Plan 4M-30, Designated as Part 3 on 4R-21126, City of Ottawa.
Measurement Method: Digitized from a satellite image
Latitude & Latitude: 45.44361110N 75.67111110W
UTM Coordinates: NAD83 18-447516-5032451 (converted from Latitude & Longitude)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	1 of 1	E/131.2	59.2	Ruth Kawfman 249 Beechwood Rockcliffe ON K1M 1L2	GEN

Generator No.: ON8668232
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:

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 1	E/137.7	58.9	PRIVATE OWNER 241 BEECHWOOD AVE. STORAGE TANK/BARREL ROCKCLIFFE PARK VILL. ON K1M 1L2	SPL

Ref No: 65641
Contaminant Name:
Contaminant Code:
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
MOE Reported Dt: 12/30/1991
Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: 20502
Site Postal Code:
Sector Type:
Source Type:

Health/Env Conseq:		**Receiving Medium:**	LAND
Incident Dt:	12/19/1991	**Receiving Env:**	
Incident Cause:	ABOVE-GROUND TANK LEAK	**Environment Impact:**	CONFIRMED
Incident Event:		**Nature of Impact:**	Soil Contamination
Incident Reason:	UNKNOWN	**SAC Action Class:**	
Incident Summary:	PRIVATE OWNER: 800L FUELOIL TO GRND FROM PRIVATE FUEL STORAGE TANK.		

6 **1 of 2** **SW/148.1** **61.9**

WAWA DESIGN
105 PUTMAN AVE
OTTAWA ON K1M 1Z5

SCT

Established:	1975
Plant Size (ft²):	600
Employment:	3

--Details--

Description:	BOOKS: PUBLISHING, OR PUBLISHING AND PRINTING
SIC/NAICS Code:	2731
Description:	MISCELLANEOUS PUBLISHING
SIC/NAICS Code:	2741
Description:	COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code:	2752
Description:	COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code:	2759
Description:	Book Publishers
SIC/NAICS Code:	511130

6 **2 of 2** **SW/148.1** **61.9**

Wawa Design Reg'd.
105 Putman Ave
Ottawa ON K1M 1Z5

SCT

Established:	1975
Plant Size (ft²):	600
Employment:	

--Details--

Description:	Sign Manufacturing
SIC/NAICS Code:	339950
Description:	Book Publishers
SIC/NAICS Code:	511130
Description:	Graphic Design Services
SIC/NAICS Code:	541430
Description:	Computer Systems Design and Related Services
SIC/NAICS Code:	541510

7 **1 of 1** **E/149.9** **57.9**

ON

BORE

Borehole ID:	808867	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Boring	**UTM Zone::**	18

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

Easting::	447564.65	**Northing::**	5032469.61
Location Accuracy::		**Orig. Ground Elev m::**	58.6
Elev. Reliability Note::		**DEM Ground Elev m::**	58.9
Total Depth m::	7.3	**Primary Name::**	BH 255
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	04-MAY-1965	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218598002	**Top Depth(m):**	0.0
Bottom Depth(m):	0.8	**Stratum Desc:**	Dark Brown Loose Fill-Misc Silt - Sand With: Gr
Stratum ID:	218598003	**Top Depth(m):**	0.8
Bottom Depth(m):	0.9	**Stratum Desc:**	Red-Brown Sand
Stratum ID:	218598004	**Top Depth(m):**	0.9
Bottom Depth(m):	5.7	**Stratum Desc:**	Dark Grey Till sand silt
Stratum ID:	218598005	**Top Depth(m):**	5.7
Bottom Depth(m):	7.3	**Stratum Desc:**	Grey Shale

---

8 **1 of 1** **ENE/150.2** **60.2** **259 Beechwood Ave Ottawa On Ottawa ON K1M1K6** **EHS**

Postal Code:	K1M1K6
City:	Ottawa
Address2:	
Address1:	259 Beechwood Ave Ottawa On
Provstate:	ON
Order No.:	20160405052
Addit. Info Ordered::	Title Searches; City Directory
Report Date:	11-APR-16
Report Type:	RSC Premium Package (Urban)
Search Radius (km):	.3

---

9 **1 of 1** **ESE/150.8** **56.8** **ON** **BORE**

Borehole ID:	801104	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Rotary (conventional)	**UTM Zone::**	18
Easting::	447561.37	**Northing::**	5032449.68
Location Accuracy::		**Orig. Ground Elev m::**	58.2
Elev. Reliability Note::		**DEM Ground Elev m::**	58.8
Total Depth m::	7.2	**Primary Name::**	BH 3
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	29-APR-1971	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218566805	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218566806	**Top Depth(m):**	0.1
Bottom Depth(m):	0.7	**Stratum Desc:**	Dark Brown Compact Fill-Misc sand silt With: Gr
Stratum ID:	218566807	**Top Depth(m):**	0.7
Bottom Depth(m):	1.2	**Stratum Desc:**	Bedrock Shale Interbedded Shale and

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

Limestone

Stratum ID: 218566808 **Top Depth(m):** 1.2
Bottom Depth(m): 7.2 **Stratum Desc:** Grey Bedrock Limestone Fairly Sound to Sound, with Layers of Black Shale, Some White Calcite Seams

---

10 **1 of 1** **E/151.3** **57.8** **ON** **BORE**

Borehole ID: 801101 **Type:** Borehole
Use: Geotechnical/Geological Investigation **Status::**
Drill Method:: Rotary (conventional) **UTM Zone::** 18
Easting:: 447567.62 **Northing::** 5032491.55
Location Accuracy:: **Orig. Ground Elev m::** 58.6
Elev. Reliability Note:: **DEM Ground Elev m::** 59.2
Total Depth m:: 7.7 **Primary Name::** BH 2
Township:: **Concession::**
Lot:: **Municipality:**
Completion Date:: 03-MAY-1971 **Static Water Level::** 3.3
Primary Water Use:: **Sec. Water Use::**

--Details--

Stratum ID: 218566789 **Top Depth(m):** 0.0
Bottom Depth(m): 0.1 **Stratum Desc:** Asphalt

Stratum ID: 218566790 **Top Depth(m):** 0.1
Bottom Depth(m): 1.4 **Stratum Desc:** Brown Compact Fill-Misc Silt - Sand With: Gr Occasional: Blds

Stratum ID: 218566791 **Top Depth(m):** 1.4
Bottom Depth(m): 1.8 **Stratum Desc:** Dark Grey Dense Till Silt - Sand

Stratum ID: 218566792 **Top Depth(m):** 1.8
Bottom Depth(m): 5.2 **Stratum Desc:** Black Bedrock Shale

Stratum ID: 218566793 **Top Depth(m):** 5.2
Bottom Depth(m): 7.7 **Stratum Desc:** Black Bedrock Shale SOUND

---

11 **1 of 1** **SE/152.1** **57.8** **455 Green Ave Ottawa ON** **EHS**

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20131125004
Addit. Info Ordered::
Report Date: 29-NOV-13
Report Type: Custom Report
Search Radius (km): .25

---

12 **1 of 1** **ESE/154.1** **58.1** **ON** **BORE**

Borehole ID: 801112 **Type:** Borehole
Use: Geotechnical/Geological Investigation **Status::**
Drill Method:: Rotary (conventional) **UTM Zone::** 18
Easting:: 447555.05 **Northing::** 5032423.8

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

Location Accuracy::		***Orig. Ground Elev m::***	57.7
Elev. Reliability Note::		***DEM Ground Elev m::***	58.3
Total Depth m::	6.4	***Primary Name::***	BH 4
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	29-APR-1971	***Static Water Level::***	1.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218566839	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	Asphalt
Stratum ID:	218566840	***Top Depth(m):***	0.1
Bottom Depth(m):	0.8	***Stratum Desc:***	Brown Compact Fill-Misc Silt - Sand With: Gr
Stratum ID:	218566841	***Top Depth(m):***	0.8
Bottom Depth(m):	1.7	***Stratum Desc:***	Black Bedrock Shale
Stratum ID:	218566842	***Top Depth(m):***	1.7
Bottom Depth(m):	6.4	***Stratum Desc:***	Black Bedrock Shale Fairl Sound

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13 ***1 of 1*** ***E/157.6*** ***58.6*** ***ON*** ***BORE***

Borehole ID:	801099	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	
Drill Method::	Rotary (conventional)	***UTM Zone::***	18
Easting::	447571.3	***Northing::***	5032519.48
Location Accuracy::		***Orig. Ground Elev m::***	58.8
Elev. Reliability Note::		***DEM Ground Elev m::***	59.5
Total Depth m::	4	***Primary Name::***	BH 1
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	03-MAY-1971	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218566777	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	Asphalt
Stratum ID:	218566778	***Top Depth(m):***	0.1
Bottom Depth(m):	0.6	***Stratum Desc:***	Brown Fill-Misc Silt - Sand With: Gr
Stratum ID:	218566779	***Top Depth(m):***	0.6
Bottom Depth(m):	0.9	***Stratum Desc:***	Dark Brown Firm Silt With: Org M
Stratum ID:	218566780	***Top Depth(m):***	0.9
Bottom Depth(m):	1.6	***Stratum Desc:***	Brown Compact Silt - Sand
Stratum ID:	218566781	***Top Depth(m):***	1.6
Bottom Depth(m):	1.8	***Stratum Desc:***	Black Bedrock Shale
Stratum ID:	218566782	***Top Depth(m):***	1.8
Bottom Depth(m):	4.0	***Stratum Desc:***	Black Bedrock Shale Occasional Thin CALCITE Seams

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14 ***1 of 1*** ***SE/162.0*** ***57.4*** ***ON*** ***BORE***

Borehole ID:	801116	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	

Drill Method::	Rotary (conventional)	***UTM Zone::***	18
Easting::	447549.8	***Northing::***	5032398.9
Location Accuracy::		***Orig. Ground Elev m::***	57.2
Elev. Reliability Note::		***DEM Ground Elev m::***	57.5
Total Depth m::	6	***Primary Name::***	BH 5
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	28-APR-1971	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218566856	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	Asphalt
Stratum ID:	218566857	***Top Depth(m):***	0.1
Bottom Depth(m):	1.2	***Stratum Desc:***	Brown Compact Fill-Misc Silt - Sand With: Gr Occasional: Blds
Stratum ID:	218566858	***Top Depth(m):***	1.2
Bottom Depth(m):	1.8	***Stratum Desc:***	Dark Brown Firm Silt With: Org M
Stratum ID:	218566859	***Top Depth(m):***	1.8
Bottom Depth(m):	3.0	***Stratum Desc:***	Grey-Brown to Brown Compact to Very Dense Silt - Sand With: Gr
Stratum ID:	218566860	***Top Depth(m):***	3.0
Bottom Depth(m):	5.5	***Stratum Desc:***	Grey Very Dense Till sand silt With: Gr W Blds
Stratum ID:	218566861	***Top Depth(m):***	5.5
Bottom Depth(m):	6.0	***Stratum Desc:***	Black Bedrock Shale

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15 ***1 of 1*** ***ESE/164.7*** ***56.9*** ***SPL***

Enbridge Gas Distribution Inc.
Beachwood and Marquette
Ottawa ON

Ref No:	8816-9NCLZY	***Site Address:***	Beachwood and Marquette
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Unknown / N/A
MOE Reported Dt:	2014/08/26	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/08/26	***Receiving Env:***	
Incident Cause:	Unknown / N/A	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Unknown / N/A	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA FSB: 1 1/4" main damaged, road closures		

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16 ***1 of 18*** ***SSE/166.9*** ***59.6*** ***ECA***

City of Ottawa
South of Keefer & Stanley Streets Intersection S
Ottawa ON K2G 6J8

Project Type:	Air
Approval No:	1164-AK3S8L
Date:	2017-03-10
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Record Type:		ECA			
PDF URL:		https://www.accessenvironment.ene.gov.on.ca/instruments/8606-A8KPJB-14.pdf			
Full Address:					

16	2 of 18	SSE/166.9	59.6	**City of Ottawa** **Keefer St , (Keefer Street and River Lane)** **Ottawa ON K2G 6J8**	ECA

Project Type:	Municipal and Private Sewage Works
Approval No:	4305-7DJK4L
Date:	2008-05-29
Status:	Revoked and/or Replaced
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/6292-7CMLCU-14.pdf
Full Address:	

16	3 of 18	SSE/166.9	59.6	**The Corporation of the City of Ottawa** **Ivy Crescent (MacKay to MacKay)** **Ottawa ON K1N 5A1**	ECA

Project Type:	Municipal and Private Sewage Works
Approval No:	2437-4H6R52
Date:	2000-03-09
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/4364-4GLQM7-14.pdf
Full Address:	

16	4 of 18	SSE/166.9	59.6	**City of Ottawa** **Avon Lane** **Ottawa ON K2G 6J8**	ECA

Project Type:	Municipal Drinking Water Systems
Approval No:	0837-79ZSA7
Date:	2007-12-19
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	
Full Address:	

16	5 of 18	SSE/166.9	59.6	**City of Ottawa** **Queen Victoria Street and Avon Lane** **Ottawa ON K1S 5K2**	ECA

Project Type:	Municipal and Private Sewage Works
Approval No:	1413-5LES4K
Date:	2003-04-10
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/2868-5LDJZM-14.pdf
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	6 of 18	SSE/166.9	59.6	City of Ottawa Sussex Drive (King Edward Ave , to Mackay St.) Ottawa ON K1P 1J1	ECA

Project Type: Municipal and Private Sewage Works
Approval No: 0949-5P3Q8B
Date: 2003-07-07
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/1914-5NERUT-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	7 of 18	SSE/166.9	59.6	City of Ottawa Queen Victoria Street and Avon Lane Ottawa ON K1S 5K2	ECA

Project Type: Municipal and Private Water Works
Approval No: 6225-5LESEM
Date: 2003-04-10
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL:
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	8 of 18	SSE/166.9	59.6	City of Ottawa Keefer Street (Stanley Ave. to Crichton St.) Ottawa ON K2G 6J8	ECA

Project Type: Municipal and Private Sewage Works
Approval No: 9099-7D3S8Y
Date: 2008-03-27
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/8733-7CNRTJ-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	9 of 18	SSE/166.9	59.6	The Regional Municipality of Ottawa-Carleton Chapleau Putman and Langevin Ottawa ON K2P 2L7	ECA

Project Type: Municipal and Private Water Works
Approval No: 8751-4LQQ8G
Date: 2000-06-28
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL:
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	10 of 18	SSE/166.9	59.6	The Regional Municipality of Ottawa-Carleton Ivy Cres. Putman Ave. Bertrand St Ottawa ON K2P 2L7	ECA

Project Type:	Municipal and Private Water Works
Approval No:	2785-4H6RE9
Date:	2000-03-09
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	11 of 18	SSE/166.9	59.6	City of Ottawa Avon Lane(Dufferin to 90 m West) Ottawa ON K1N 5A1	ECA

Project Type:	Municipal and Private Water Works
Approval No:	1500-4X6Q6W
Date:	2001-06-21
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	12 of 18	SSE/166.9	59.6	City of Ottawa Sussex Drive (Stanley St , to Mackay St.) , Ottawa City, Ottawa ON K1P 1J1	ECA

Project Type:	Municipal and Private Water Works
Approval No:	1491-5K6QQV
Date:	2003-03-13
Status:	Approved
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	13 of 18	SSE/166.9	59.6	City of Ottawa South of Keefer & Stanley Streets Intersection S Ottawa ON K1P 1J1	ECA

Project Type:	Air
Approval No:	4691-5UZQRC
Date:	2004-01-19
Status:	Revoked and/or Replaced
Longitude:	-75.671899999999994
Latitude:	45.442500000000003
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/7364-5R7QYU-14.pdf
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	14 of 18	SSE/166.9	59.6	City of Ottawa Avon Lane and MacKay Street	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				Ottawa ON K2G 6J8	

Project Type: Municipal and Private Sewage Works
Approval No: 9386-79ZRAJ
Date: 2007-12-19
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/5255-79VTU7-14.pdf
Full Address:

16	***15 of 18***	***SSE/166.9***	***59.6***	***City of Ottawa*** ***Sussex Drive (King Edward Ave , to Mackay St.)*** ***Ottawa ON K1P 1J1***	***ECA***

Project Type: Municipal and Private Sewage Works
Approval No: 2742-5KSKYE
Date: 2003-04-03
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/6421-5JYTKR-14.pdf
Full Address:

16	***16 of 18***	***SSE/166.9***	***59.6***	***The Corporation of the City of Ottawa*** ***Chapleau Putman and Langevin*** ***Ottawa ON K1N 5A1***	***ECA***

Project Type: Municipal and Private Sewage Works
Approval No: 8817-4LQQ35
Date: 2000-06-28
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/6330-4LFS2Z-14.pdf
Full Address:

16	***17 of 18***	***SSE/166.9***	***59.6***	***City of Ottawa*** ***Keefer Street (Stanley Ave. to Crichton St.)*** ***Ottawa ON K2G 6J8***	***ECA***

Project Type: Municipal Drinking Water Systems
Approval No: 1819-7D3SEB
Date: 2008-03-27
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL:
Full Address:

16	***18 of 18***	***SSE/166.9***	***59.6***	***City of Ottawa*** ***Avon Lane(Dufferin to 90 m West)*** ***Ottawa ON K1N 5A1***	***ECA***

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

Project Type: Municipal and Private Sewage Works
Approval No: 8765-4X8RFT
Date: 2001-06-19
Status: Approved
Longitude: -75.671899999999994
Latitude: 45.442500000000003
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/0208-4X6KVQ-14.pdf
Full Address:

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17 **1 of 1** **E/167.4** **58.6** **ON** **BORE**

Borehole ID: 613793
Use:
Drill Method::
Easting:: 447581
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 4
Township::
Lot::
Completion Date:: APR-1971
Primary Water Use::

Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032522
Orig. Ground Elev m:: 58.8
DEM Ground Elev m:: 59.3
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218396641
Bottom Depth(m): 0.6
Top Depth(m): 0.0
Stratum Desc: ARTIFICIAL. BROWN.

Stratum ID: 218396642
Bottom Depth(m): 0.9
Top Depth(m): 0.6
Stratum Desc: ORGANIC. DARK,BROWN,FIRM.

Stratum ID: 218396643
Bottom Depth(m): 1.6
Top Depth(m): 0.9
Stratum Desc: SAND. BROWN,COMPACT.

Stratum ID: 218396644
Bottom Depth(m): 1.8
Top Depth(m): 1.6
Stratum Desc: BEDROCK. BLACK,WEATHERED.

Stratum ID: 218396645
Bottom Depth(m): 4.0
Top Depth(m): 1.8
Stratum Desc: BEDROCK. BLACK,SOUND.
00020013000300260005503300105009 021 00108 009 000250200006503

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18 **1 of 10** **ESE/170.5** **56.3**
KAVANAUGH GARAGE LTD
222 BEECHWOOD AV
VANIER ON K1L 8A7 **EXP**

Instance No: 11030442
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/29/2009

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18 **2 of 10** **ESE/170.5** **56.3**
KAVANAUGH GARAGE LTD
222 BEECHWOOD AV
VANIER ON K1L 8A7 **EXP**

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

Instance No: 11030427
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/29/2009

18	3 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	EXP

Instance No: 11030471
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/29/2009

18	4 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	EXP

Instance No: 11030501
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/29/2009

18	5 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	EXP

Instance No: 11030486
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/29/2009

18	6 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	FST

Instance No: 11030516
Cont Name:

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

Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	25000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	1995
Parent Facility Type:	FS Gasoline Station - Full Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	7 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	FST

Instance No:	11030522
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	25000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	1995
Parent Facility Type:	FS Gasoline Station - Full Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	8 of 10	ESE/170.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	FST

Instance No:	11030525
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline
Status:	Active
Capacity:	25000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Double Wall UST
Install Year:	1995
Parent Facility Type:	FS Gasoline Station - Full Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	9 of 10	ESE/170.5	56.3	222 BEECHWOOD AVENUE, OTTAWA ON	INC

Incident No:	1784892
Incident ID:	
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	222 BEECHWOOD AVENUE, OTTAWA - CO RELEASE
Drainage System:	
Sub Surface Contam.:	
Aff. Prop. Use Water:	
Contam. Migrated:	
Contact Natural Env.:	
Near Body of Water:	
Approx. Quant. Rel.:	

Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater:
Vent Chimney Mater:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Fuels Occurence Type: CO Release
Fuel Type Involved: Natural Gas
Date of Occurence: 2016/01/12 00:00:00
Time of Occurence: NULL
Occur Insp Start Date: 2016/01/12 00:00:00
Any Health Impact: No
Any Environmental Impact: No
Was Service Interrupted: Yes
Was Property Damaged: No
Operation Type Involved: Multi-unit Residential
Enforcement Policy: NULL
Prc Escalation Required: NULL
Task No: 6004552
Notes:
Occurence Narrative: recirculation of flue gas caused by external weather conditions
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac:
Liquid Prop Notes:

---

18 | ***10 of 10*** | ***ESE/170.5*** | ***56.3*** | ***222 Beechwood, Ottawa ON*** | ***PINC***

Incident ID:
Incident No: 1466332
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Fuel Occurrence Tp:
Fuel Type:
Tank Status: RC Established
Task No: 5154641
Spills Action Centre:
Method Details: E-mail
Fuel Category: Natural Gas
Date of Occurrence:
Occurrence Start Date: 2014/09/02
Operation Type:
Pipeline Type:

Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regualtor Location:

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

Regulator Type:
Summary: 222 Beechwood, Ottawa - Pipeline Hit - 1/2"
Reported By: Scott Parrington - Enbridge
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

---

19 | **1 of 1** | **SE/171.0** | **57.2** | **ON** | **BORE**

Borehole ID: 801122
Use: Geotechnical/Geological Investigation
Drill Method:: Rotary (conventional)
Easting:: 447539.88
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 6.2
Township::
Lot::
Completion Date:: 28-APR-1971
Primary Water Use::
Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032372.59
Orig. Ground Elev m:: 57.2
DEM Ground Elev m:: 56.9
Primary Name:: BH 6
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218566879
Bottom Depth(m): 0.1
Top Depth(m): 0.0
Stratum Desc: Asphalt

Stratum ID: 218566880
Bottom Depth(m): 1.1
Top Depth(m): 0.1
Stratum Desc: Brown Compact Fill-Misc Silt - Sand Trace: Gr

Stratum ID: 218566881
Bottom Depth(m): 3.4
Top Depth(m): 1.1
Stratum Desc: Brown Very Dense Sand - Gravel With: Si W Blds

Stratum ID: 218566882
Bottom Depth(m): 5.8
Top Depth(m): 3.4
Stratum Desc: Dark Grey Very Dense Till Silt - Sand With: Gr W Blds

Stratum ID: 218566883
Bottom Depth(m): 6.2
Top Depth(m): 5.8
Stratum Desc: Black Bedrock Shale

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20 | **1 of 17** | **ESE/179.5** | **56.3** | **KAVANAUGH GARAGE LTD**
222 BEECHWOOD AV
VANIER ON K1L 8A7 | **EXP**

Instance No: 11030486
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/29/2009

---

20 | **2 of 17** | **ESE/179.5** | **56.3** | **KAVANAUGH GARAGE LTD**
222 BEECHWOOD AV
VANIER ON K1L 8A7 | **EXP**

Instance No: 11030442

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/29/2009			

20	3 of 17	ESE/179.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	EXP

Instance No:	11030471
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	5/29/2009

20	4 of 17	ESE/179.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON	EXP

Instance No:	11030427
Instance ID:	63402
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

20	5 of 17	ESE/179.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON	EXP

Instance No:	11030501
Instance ID:	63546
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

20	6 of 17	ESE/179.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON	EXP

Instance No:	11030455
Instance ID:	63962
Instance Type:	FS Piping
Description:	FS Piping

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

Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

---

20 | **7 of 17** | **ESE/179.5** | **56.3** | **KAVANAUGH GARAGE LTD**
222 BEECHWOOD AV
VANIER ON | **EXP**

Instance No: 11030436
Instance ID: 63802
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

---

20 | **8 of 17** | **ESE/179.5** | **56.3** | **KAVANAUGH GARAGE LTD**
222 BEECHWOOD AV
VANIER ON | **EXP**

Instance No: 11030477
Instance ID: 63416
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

---

20 | **9 of 17** | **ESE/179.5** | **56.3** | **KAVANAUGH GARAGE LTD**
222 BEECHWOOD AV
VANIER ON K1L 8A7 | **FSTH**

License Issue Date: 9/27/2002
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

--Details--
Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:

Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	10 of 17	ESE/179.5	56.3	KAVANAUGH GARAGE LTD 222 BEECHWOOD AV VANIER ON K1L 8A7	FSTH

License Issue Date: 9/27/2002
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Full Serve

--Details--
Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 13620
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 9999
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1995
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active

Year of Installation: 1995
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1995
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

---

20 | ***11 of 17*** | ***ESE/179.5*** | ***56.3*** | ***KAVANAUGH'S ESSO***
222 BEACHWOOD AVE
VANIER ON | ***GEN***

Generator No.: ON8138027
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 447190
SIC Description:

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

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20 | ***12 of 17*** | ***ESE/179.5*** | ***56.3*** | ***Domicile Developments INC.***
222 Beechwood Avenue
Ottawa ON | ***GEN***

Generator No.: ON7729799
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 532420
SIC Description: OFFICE MACHINERY AND EQUIPMENT RENTAL AND LEASING

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

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20 | ***13 of 17*** | ***ESE/179.5*** | ***56.3*** | ***KAVANAUGH GARAGE LTD***
222 BEECHWOOD AV
VANIER ON K1L8A7 | ***PRT***

Location ID: 16159
Type: retail
Expiry Date: 1995-11-30
Capacity (L): 16978
Licence #: 0051453001

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20 | ***14 of 17*** | ***ESE/179.5*** | ***56.3*** | ***The Kavanaugh on Beechwood Inc.***
222 Beechwood Avenue
Ottawa ON K1L 8A7 | ***PTTW***

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

Year:	2013
EBR Registry No.:	011-8162
Ministry Reference Number:	5715-94LM4G
Notice Type:	Instrument Proposal
Instrument Type:	(OWRA s. 34) - Permit to take water
Proposal Date:	February 05, 2013
Location:	222 Beechwood Avenue, Ottawa, Ontario + + + + 9 Marquette Avenue, Ottawa, Ontario + + + + 8 Jolliet Avenue, Ottawa, Ontario CITY OF OTTAWA
Proponent Address:	371 A Richmond Road Ottawa Ontario Canada K2A 0E7
Notice Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	15 of 17	ESE/179.5	56.3	**The Kavanaugh on Beechwood Inc.** **222 Beechwood Ave** **Ottawa ON K1L 8A7**	PTTW

Year:	2013
EBR Registry No.:	011-9164
Ministry Reference Number:	4165-97RMJQ
Notice Type:	Instrument Proposal
Instrument Type:	(OWRA s. 34) - Permit to take water
Proposal Date:	May 17, 2013
Location:	222 Beechwood Ave, Including the area bound by 9 Marquette Avenue and 8 Jolliet Avenue, Ottawa, CITY OF OTTAWA
Proponent Address:	371 A Richmond Road, Ottawa Ontario, Canada K2A 0E7
Notice Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	16 of 17	ESE/179.5	56.3	**KAVANAUGH'S ESSO SERVICE CENTRE** **222 BEECHWOOD AVE** **VANIER ON K1L 8A7**	RST

Code:	01186800
Facility:	SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Description:	
List Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	17 of 17	ESE/179.5	56.3	**KAVANAUGH'S ESSO SERVICE CENTRE** **222 BEECHWOOD AVE** **VANIER ON K1L8A7**	RST

Code:	01186800
Facility:	SERVICE STATIONS GASOLINE OIL & NATURAL
Description:	
List Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
21	1 of 1	SSE/180.9	57.9	**141 Beechwood Ave** **Ottawa ON K1M 1L4**	EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20121005039
Addit. Info Ordered::	
Report Date:	15-OCT-12
Report Type:	Custom Report
Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
22	1 of 1	E/183.7	56.8	ON	WWIS

Well ID:	7204623	**Data Entry Status:**	Date Entry is incomplete
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/11/2013
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7328
Casing Material:		**Form Version:**	8
Audit No:	C21240	**Owner:**	
Tag:	A140384	**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
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:	1004419134	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	wwr
Elevation:	58.440925	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	12/13/2012
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
23	1 of 1	SE/188.9	57.3	ON	BORE

Borehole ID:	801124	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Rotary (conventional)	**UTM Zone::**	18
Easting::	447523.65	**Northing::**	5032335.4
Location Accuracy::		**Orig. Ground Elev m::**	57.2
Elev. Reliability Note::		**DEM Ground Elev m::**	57.1
Total Depth m::	5.8	**Primary Name::**	BH 7
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	26-APR-1971	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218566888	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218566889	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	Concrete

Stratum ID:	218566890	**Top Depth(m):**	0.3
Bottom Depth(m):	0.8	**Stratum Desc:**	Dark Brown to Grey Compact Fill-Misc sand silt With: Gr
Stratum ID:	218566891	**Top Depth(m):**	0.8
Bottom Depth(m):	2.6	**Stratum Desc:**	Brown Dense to Very Dense Sand - Gravel With: Si W Blds
Stratum ID:	218566892	**Top Depth(m):**	2.6
Bottom Depth(m):	5.8	**Stratum Desc:**	Grey Dense to Very Dense Till sand silt With: Gr W Blds Trace: Cl

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24 **1 of 4** **SE/190.6** **56.9** **GEN**

City of Ottawa
220 Beechwood Avenue
Ottawa ON K1L 8A8

Generator No.:	ON6952071	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2015	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No. Admin:**	
SIC Code:	913910		
SIC Description:	913910		

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

---

24 **2 of 4** **SE/190.6** **56.9** **GEN**

City of Ottawa
220 Beechwood Avenue
Ottawa ON K1L 8A8

Generator No.:	ON6952071	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2016	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No. Admin:**	
SIC Code:	913910		
SIC Description:	913910		

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

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24 **3 of 4** **SE/190.6** **56.9** **GEN**

City of Ottawa
220 Beechwood Avenue
Ottawa ON K1L 8A8

Generator No.:	ON6952071	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2014	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No. Admin:**	
SIC Code:	913910		
SIC Description:	913910		

--Details--

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

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

---

24 | **4 of 4** | **SE/190.6** | **56.9** | **City of Ottawa Parks, Bldg & Grounds Ops & Mtce Branch**
220 Beechwood Avenue
Ottawa ON K1L 8A8 | **GEN**

Generator No.: ON6952071
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 251 L
Waste Description: Waste oils/sludges (petroleum based)

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25 | **1 of 1** | **SE/193.4** | **56.9** | **ON** | **BORE**

Borehole ID: 613782
Use:
Drill Method::
Easting:: 447561
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 6.2
Township::
Lot::
Completion Date:: APR-1971
Primary Water Use::

Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032362
Orig. Ground Elev m:: 57.2
DEM Ground Elev m:: 57.1
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218396586
Bottom Depth(m): 1.1
Top Depth(m): 0.0
Stratum Desc: ARTIFICIAL. BROWN,COMPACT.

Stratum ID: 218396587
Bottom Depth(m): 3.4
Top Depth(m): 1.1
Stratum Desc: SAND. BROWN,VERY DENSE.

Stratum ID: 218396588
Bottom Depth(m): 5.8
Top Depth(m): 3.4
Stratum Desc: SAND. DARK,GREY,VERY DENSE.

Stratum ID: 218396589
Bottom Depth(m): 6.2
Top Depth(m): 5.8
Stratum Desc: BEDROCK. BLACK,WEATHERED.
0000002000035016001131000019010 0ROCK.
00000 012 00020 007 0

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26 | **1 of 1** | **SSE/196.5** | **57.9** | **Ottawa ON** | **WWIS**

Well ID: 7196179
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Test Hole
Water Type:

Data Entry Status:
Data Src:
Date Received: 1/28/2013
Selected Flag: 1
Abandonment Rec:
Contractor: 7241

Casing Material:		***Form Version:***	7
Audit No:	Z153006	***Owner:***	
Tag:	A141922	***Street Name:***	143 PUTMAN AVE
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
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:	1004245005	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	56.824493	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	12/27/2012
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004780978
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0.00
Formation End Depth:	2.13
Formation End Depth UOM:	m

Formation ID:	1004780979
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	2.13
Formation End Depth:	6.10
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004780988
Layer:	1
Plug From:	0.00
Plug To:	0.31
Plug Depth UOM:	m
Plug ID:	1004780989
Layer:	2
Plug From:	
Plug To:	2.47
Plug Depth UOM:	m
Plug ID:	1004780990
Layer:	3
Plug From:	
Plug To:	6.10
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004780987
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1004780977
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004780983
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	3.10
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004780984
Layer:	1
Slot:	10
Screen Top Depth:	3.10
Screen End Depth:	6.10
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID: 1004780982
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004780980
Diameter: 11.43
Depth From: 0.00
Depth To: 3.96
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole ID: 1004780981
Diameter: 7.62
Depth From: 3.96
Depth To: 6.10
Hole Depth UOM: m
Hole Diameter UOM: cm

---

27 | ***1 of 4*** | ***WSW/196.8*** | ***64.9*** | ***200 Rideau Terrace Ottawa ON K1M 0Z3*** | ***EHS***

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20100517017
Addit. Info Ordered::
Report Date: 5/21/2010
Report Type: Custom Report
Search Radius (km): 0.25

---

27 | ***2 of 4*** | ***WSW/196.8*** | ***64.9*** | ***HOMESTEAD LAND HOLDINGS LIMITED 200 RIDEAU TERRACE OTTAWA ON K1M 0Z3*** | ***GEN***

Generator No.: ON8552487
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 531310
SIC Description: Real Estate Property Managers

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

--Details--
Waste Code: 113
Waste Description: ACID WASTE - OTHER METALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

---

27 **3 of 4** **WSW/196.8** **64.9** **HOMESTEAD LAND HOLDINGS LIMITED** **GEN**
200 RIDEAU TERRACE
OTTAWA ON K1M 0Z3

Generator No.: ON8552487
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 531310
SIC Description: Real Estate Property Managers

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 113
Waste Description: ACID WASTE - OTHER METALS

---

27 **4 of 4** **WSW/196.8** **64.9** **Homestead Land Holdings Limited** **GEN**
200 Rideau Terrace
Ottawa ON

Generator No.: ON3181913
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 236110
SIC Description: Residential Building Construction

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

---

28 **1 of 1** **SSE/198.5** **58.0** **BORE**
ON

Borehole ID: 801128
Use: Geotechnical/Geological Investigation
Drill Method:: Rotary (conventional)
Easting:: 447504.08
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 5.8
Township::
Lot::
Completion Date:: 26-APR-1971
Primary Water Use::

Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032312.77
Orig. Ground Elev m:: 57
DEM Ground Elev m:: 56.9
Primary Name:: BH 8
Concession::
Municipality:
Static Water Level:: 2.6
Sec. Water Use::

--Details--

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

Stratum ID:	218566907	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	Asphalt
Stratum ID:	218566908	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	Wood
Stratum ID:	218566909	**Top Depth(m):**	0.4
Bottom Depth(m):	1.5	**Stratum Desc:**	Brown Dense Sand - Gravel With: Si Occasional: Blds
Stratum ID:	218566910	**Top Depth(m):**	1.5
Bottom Depth(m):	3.0	**Stratum Desc:**	Grey Very Dense Till sand silt With: Gr W Blds Trace: Cl
Stratum ID:	218566911	**Top Depth(m):**	3.0
Bottom Depth(m):	4.6	**Stratum Desc:**	Grey Dense Silt - Sand Trace: Gr Layered Silty Fine Sand
Stratum ID:	218566912	**Top Depth(m):**	4.6
Bottom Depth(m):	4.9	**Stratum Desc:**	Dark Grey Very Dense Till Silt - Sand
Stratum ID:	218566913	**Top Depth(m):**	4.9
Bottom Depth(m):	5.8	**Stratum Desc:**	Black Bedrock Shale
Stratum ID:	218566914	**Top Depth(m):**	5.8
Bottom Depth(m):	0.8	**Stratum Desc:**	Dark Brown Fill-Misc Sand - Gravel

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29 **1 of 1** **ESE/201.2** **55.9** **9 MARQUETTE AVENUE, OTTAWA, ON K1L 5K3**
Ottawa ON **RSC**

Reg No:	213106	**Prop. ID No:**	04235-0002 (LT), 04235-0588 (LT), 04235-0014 (LT)
RSC Type:	Phase 1 and 2 RSC	**Asmt Roll No:**	06-09-210-401-45000, 06-09-210-401-21400, 06-09-210-401-21500
Current Property Use:	Commercial	**Intended Prop Use:**	Residential
District Office:	Ottawa District Office	**Nm of Qual. Person:**	DANIEL ARNOTT
Date Submitted:	2014/04/09	**Stratified (Y/N):**	
Date Ack:		**Audit (Y/N):**	
Date Returned:		**Accuracy Estimate:**	
Cert Date:		**Mailing Address:**	
Cert Prop Use No:		**Telephone:**	
Restoration Type:		**Fax:**	
Soil Type:		**Email:**	
Criteria:			
CPU Issued Sect 1686:			
Entire legal prop. (Y/N):			
Applicable Standards:			
Consultant:			
Filing Owner:	THE KAVANAUGH ON BEECHWOOD INC.		
Legal Desc:			
Measurement Method:			
Latitude & Latitude:			
UTM Coordinates:			

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30 **1 of 1** **N/204.1** **71.2**
ON **BORE**

Borehole ID:	805120	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	18
Easting::	447421.78	**Northing::**	5032694.75
Location Accuracy::		**Orig. Ground Elev m::**	70.4

Elev. Reliability Note::		**DEM Ground Elev m::**	70.2
Total Depth m::	.4	**Primary Name::**	BH 8
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	11-AUG-1969	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218583300	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218583301	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	Crushed Stone
Stratum ID:	218583302	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	Brown Silt - Sand

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31 ***1 of 1*** ***WSW/204.2*** ***67.9*** ***ON*** ***BORE***

Borehole ID:	613787	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	447221	**Northing::**	5032432
Location Accuracy::		**Orig. Ground Elev m::**	69.3
Elev. Reliability Note::		**DEM Ground Elev m::**	68.2
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	1900	**Static Water Level::**	4.6
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218396608	**Top Depth(m):**	0.0
Bottom Depth(m):	1.2	**Stratum Desc:**	SAND. FIRM.
Stratum ID:	218396609	**Top Depth(m):**	1.2
Bottom Depth(m):	3.4	**Stratum Desc:**	GRAVEL. FIRM.
Stratum ID:	218396610	**Top Depth(m):**	3.4
Bottom Depth(m):	3.5	**Stratum Desc:**	SAND. FIRM.
Stratum ID:	218396611	**Top Depth(m):**	3.5
Bottom Depth(m):	4.6	**Stratum Desc:**	GRAVEL. COMPACT.
Stratum ID:	218396612	**Top Depth(m):**	4.6
Bottom Depth(m):	4.7	**Stratum Desc:**	SAND.
Stratum ID:	218396613	**Top Depth(m):**	4.7
Bottom Depth(m):	6.2	**Stratum Desc:**	GRAVEL. COMPACT, WATER STABLE AT 212.2 FEET.
Stratum ID:	218396614	**Top Depth(m):**	6.2
Bottom Depth(m):	6.8	**Stratum Desc:**	SAND.
Stratum ID:	218396615	**Top Depth(m):**	6.8
Bottom Depth(m):	8.5	**Stratum Desc:**	GRAVEL. COMPACT.
Stratum ID:	218396616	**Top Depth(m):**	8.5
Bottom Depth(m):		**Stratum Desc:**	BEDROCK. 065 021 00108 009 00025020000650340010805100116074002160000000008000250450

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	1 of 11	ENE/204.6	56.8	266 Beechwood Ave Ottawa (formerly Vanier) ON K1L 8A6	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20040505012
Addit. Info Ordered::
Report Date: 5/13/04
Report Type: Basic Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	2 of 11	ENE/204.6	56.8	Beechwood Animal Hospital 266 Beechwood Ave, Unit B Ottawa ON	GEN

Generator No.: ON1086163
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	3 of 11	ENE/204.6	56.8	Beechwood Animal Hospital 266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	GEN

Generator No.: ON1086163
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Dawn L Hunter
Phone No. Admin: 613-748-9820 Ext.

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	4 of 11	ENE/204.6	56.8	Beechwood Animal Hospital 266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	GEN

Generator No.: ON1086163
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Dawn L Hunter
Phone No. Admin: 613-748-9820 Ext.

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	5 of 11	ENE/204.6	56.8	Beechwood Animal Hospital 266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	GEN

Generator No.: ON1086163
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Dawn L Hunter
Phone No. Admin: 613-748-9820 Ext.

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	6 of 11	ENE/204.6	56.8	Beechwood Animal Hospital 266 Beechwood Ave, Unit B Ottawa ON K1L 8A6	GEN

Generator No.: ON1086163
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 261 A

Waste Description: Pharmaceuticals

Waste Code: 264 T
Waste Description: Photoprocessing wastes

Waste Code: 312 P
Waste Description: Pathological wastes

---

32 **7 of 11** **ENE/204.6** **56.8** **Beechwood Animal Hospital** **GEN**
266 Beechwood Ave
Ottawa ON

Generator No.: ON1086163
Status:
Approval Years: 03,04,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

---

32 **8 of 11** **ENE/204.6** **56.8** **Beechwood Animal Hospital** **GEN**
266 Beechwood Ave, Unit B
Ottawa ON

Generator No.: ON1086163
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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32 **9 of 11** **ENE/204.6** **56.8** **Beechwood Animal Hospital** **GEN**
266 Beechwood Ave, Unit B
Ottawa ON

Generator No.: ON1086163
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541940

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

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

SIC Description: Veterinary Services

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

32 | ***10 of 11*** | ***ENE/204.6*** | ***56.8*** | ***Beechwood Animal Hospital***
266 Beechwood Ave, Unit B
Ottawa ON | ***GEN***

Generator No.: ON1086163
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

---

32 | ***11 of 11*** | ***ENE/204.6*** | ***56.8*** | ***Beechwood Animal Hospital***
266 Beechwood Ave, Unit B
Ottawa ON | ***GEN***

Generator No.: ON1086163
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

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33 | ***1 of 1*** | ***SSE/211.4*** | ***58.0*** | ***ON*** | ***BORE***

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

Borehole ID:	801130	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Rotary (conventional)	**UTM Zone::**	18
Easting::	447487.22	**Northing::**	5032291.58
Location Accuracy::		**Orig. Ground Elev m::**	56.8
Elev. Reliability Note::		**DEM Ground Elev m::**	56.9
Total Depth m::	5.2	**Primary Name::**	BH 9
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	08-APR-1971	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218566920	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218566921	**Top Depth(m):**	0.1
Bottom Depth(m):	0.3	**Stratum Desc:**	Concrete
Stratum ID:	218566922	**Top Depth(m):**	0.3
Bottom Depth(m):	1.4	**Stratum Desc:**	Dark Brown Fill-Misc sand silt With: Gr Trace: Org M Tr Constr Debris
Stratum ID:	218566923	**Top Depth(m):**	1.4
Bottom Depth(m):	2.1	**Stratum Desc:**	Dark Brown Stiff Silt With: Org M
Stratum ID:	218566924	**Top Depth(m):**	2.1
Bottom Depth(m):	2.3	**Stratum Desc:**	Silt - Sand With: Gr
Stratum ID:	218566925	**Top Depth(m):**	2.3
Bottom Depth(m):	5.2	**Stratum Desc:**	Black Bedrock Shale

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	1 of 1	NW/212.8	76.9	ON	BORE

Borehole ID:	808733	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Boring	**UTM Zone::**	18
Easting::	447251.03	**Northing::**	5032624.94
Location Accuracy::		**Orig. Ground Elev m::**	71.1
Elev. Reliability Note::		**DEM Ground Elev m::**	71.2
Total Depth m::	5.6	**Primary Name::**	BH 208
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	16-FEB-1965	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218597510	**Top Depth(m):**	0.0
Bottom Depth(m):	1.0	**Stratum Desc:**	Asphalt With: Sa
Stratum ID:	218597511	**Top Depth(m):**	1.0
Bottom Depth(m):	4.7	**Stratum Desc:**	Brown to Grey Compact to Dense Sand With: Si
Stratum ID:	218597512	**Top Depth(m):**	4.7
Bottom Depth(m):	5.6	**Stratum Desc:**	Grey Boulders With: Si W Sa

---

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
35	1 of 2	SSE/217.8	56.8	196 Beechwood Ave Ottawa ON K1L8A9	EHS

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

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20140812038
Addit. Info Ordered::
Report Date: 18-AUG-14
Report Type: Standard Report
Search Radius (km): .25

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35 ***2 of 2*** ***SSE/217.8*** ***56.8*** ***PRIVATE RESIDENCE 196 BEECHWOOD AVE FURNACE OIL TANK VANIER CITY ON K1L 8A9*** ***SPL***

Ref No: 120209
Contaminant Name:
Contaminant Code:
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
MOE Reported Dt: 10/30/1995
Health/Env Conseq:
Incident Dt: 10/30/1995
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Incident Reason: UNKNOWN
Incident Summary: PRIVATE FURNACE TANK- SMALL AMOUNT OIL TO CON- CRETE BSMT.

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: 20102
Site Postal Code:
Sector Type:
Source Type:
Receiving Medium: LAND
Receiving Env:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
SAC Action Class:

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36 ***1 of 1*** ***ESE/221.0*** ***55.9*** ***12 Jolliet Ave Ottawa ON K1L5H5*** ***EHS***

Postal Code: K1L5H5
City: Ottawa
Address2:
Address1: 12 Jolliet Ave
Provstate: ON
Order No.: 20160710001
Addit. Info Ordered:: City Directory
Report Date: 15-JUL-16
Report Type: RSC Premium Package (Urban)
Search Radius (km): .3

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37 ***1 of 10*** ***SSE/222.8*** ***56.9*** ***BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L 8A9*** ***EXP***

Instance No: 9692065
Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 4/14/1999

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	2 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L 8A9	EXP

Instance No:	11030396
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	4/14/1999

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	3 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L 8A9	EXP

Instance No:	11030403
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	4/14/1999

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	4 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON	EXP

Instance No:	11030412
Instance ID:	63542
Instance Type:	FS Liquid Fuel Tank
Description:	FS Liquid Fuel Tank
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	5 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON	EXP

Instance No:	11030420
Instance ID:	63466
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
37	6 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				VANIER ON K1L 8A9	

Instance No: 11030403
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 4/14/1999

37	7 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L 8A9	EXP

Instance No: 11030412
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 4/14/1999

37	8 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L 8A9	EXP

Instance No: 11030396
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 4/14/1999

37	9 of 10	SSE/222.8	56.9	BEECHWOOD CANADA SERVICE STATION INC 188 BEECHWOOD AV VANIER ON K1L8A9	PRT

Location ID: 16158
Type: retail
Expiry Date: 1996-03-31
Capacity (L): 58400
Licence #: 0050017001

37	10 of 10	SSE/222.8	56.9	PETRO-CANADA PETROCANADA AT 188 BEACHWOOD AVE SERVICE STATION VANIER CITY ON	SPL

Ref No: 118341
Contaminant Name:
Contaminant Code:
Site Address:
Site Conc:
Site Lot:

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

Contaminant Limit 1:		**Site County/District:**	
Contam. Limit Freq 1:		**Site Municipality:**	20102
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:		**Sector Type:**	
MOE Reported Dt:	9/10/1995	**Source Type:**	
Health/Env Conseq:		**Receiving Medium:**	LAND / WATER
Incident Dt:	9/10/1995	**Receiving Env:**	
Incident Cause:	WASTEWATER DISCHARGE TO WATERCOURSE	**Environment Impact:**	POSSIBLE
Incident Event:		**Nature of Impact:**	Water course or lake
Incident Reason:	ERROR	**SAC Action Class:**	
Incident Summary:	PETRO-CANADA- 2L OF GAS- OLINE TO GROUND. FLUSHED DOWN CATCH-BASIN.CLEANED.		

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38 | ***1 of 1*** | ***WSW/222.9*** | ***64.6*** | ***Homstead Land Holdings Limited*** ***200 Rideau Terrace*** ***Ottawa ON K1M 0Z3*** | ***GEN***

Generator No.:	ON7106226	**PO Box No.:**	
Status:		**Country:**	Canada
Approval Years:	2014	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No. Admin:**	
SIC Code:	236110		
SIC Description:	RESIDENTIAL BUILDING CONSTRUCTION		

--Details--

Waste Code:	221
Waste Description:	LIGHT FUELS

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39 | ***1 of 1*** | ***SSE/223.9*** | ***58.0*** | ***ON*** | ***BORE***

Borehole ID:	808865	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Boring	**UTM Zone::**	18
Easting::	447476.69	**Northing::**	5032275.28
Location Accuracy::		**Orig. Ground Elev m::**	56.9
Elev. Reliability Note::		**DEM Ground Elev m::**	57.4
Total Depth m::	3.8	**Primary Name::**	BH 253
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	04-MAY-1965	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218597996	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	Asphalt With: Sa W Gr Trace: Si
Stratum ID:	218597997	**Top Depth(m):**	0.9
Bottom Depth(m):	1.1	**Stratum Desc:**	Compact Till sand silt With: Gr
Stratum ID:	218597998	**Top Depth(m):**	1.1
Bottom Depth(m):	3.8	**Stratum Desc:**	Dark Grey Shale

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40 | ***1 of 1*** | ***E/224.2*** | ***56.6*** | ***249 GARNEAU ST, VANIER*** ***ON*** | ***PINC***

Incident ID:		**Health Impact:**	
Incident No:	1455798	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	No
Status Code:	Pipeline Damage Reason Est	**Service Interupt:**	
Fuel Occurrence Tp:		**Enforce Policy:**	Yes
Fuel Type:		**Public Relation:**	
Tank Status:	RC Established	**Pipeline System:**	
Task No:	5134008	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Method Details:	E-mail	**PSIG:**	
Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regualtor Location:**	
Occurrence Start Date:	2014/10/20		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	249 GARNEAU ST, VANIER - PIPELINE HIT - 1 1/4"		
Reported By:	Ryan Noble - Enbridge Gas		
Affiliation:			
Occurrence Desc:			
Damage Reason:	No notification made to the one call center		
Notes:			

41 **1 of 1** **NNE/224.5** **67.6** **ON** **BORE**

Borehole ID:	805119	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Power auger	**UTM Zone::**	18
Easting::	447472.31	**Northing::**	5032708.3
Location Accuracy::		**Orig. Ground Elev m::**	68.1
Elev. Reliability Note::		**DEM Ground Elev m::**	64.4
Total Depth m::	.2	**Primary Name::**	BH 7
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	11-AUG-1969	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218583298	**Top Depth(m):**	0.0
Bottom Depth(m):	0.1	**Stratum Desc:**	Asphalt
Stratum ID:	218583299	**Top Depth(m):**	0.1
Bottom Depth(m):	0.2	**Stratum Desc:**	Crushed Stone

42 **1 of 1** **SSE/227.2** **57.9** **ON** **BORE**

Borehole ID:	801132	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	
Drill Method::	Rotary (conventional)	**UTM Zone::**	18
Easting::	447467.56	**Northing::**	5032269.45
Location Accuracy::		**Orig. Ground Elev m::**	57.1
Elev. Reliability Note::		**DEM Ground Elev m::**	57.3
Total Depth m::	3	**Primary Name::**	BH 10
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	08-APR-1971	**Static Water Level::**	2.1
Primary Water Use::		**Sec. Water Use::**	

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

--Details--

Stratum ID:	218566928	***Top Depth(m):***	0.0
Bottom Depth(m):	0.1	***Stratum Desc:***	Asphalt
Stratum ID:	218566929	***Top Depth(m):***	0.1
Bottom Depth(m):	0.2	***Stratum Desc:***	Concrete
Stratum ID:	218566930	***Top Depth(m):***	0.2
Bottom Depth(m):	0.5	***Stratum Desc:***	Fill-Misc Sand - Gravel
Stratum ID:	218566931	***Top Depth(m):***	0.5
Bottom Depth(m):	2.1	***Stratum Desc:***	Black Bedrock Shale
Stratum ID:	218566932	***Top Depth(m):***	2.1
Bottom Depth(m):	3.0	***Stratum Desc:***	Black Bedrock Shale

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43 ***1 of 5*** ***N/229.9*** ***72.2*** ***City of Ottawa***
Lisgar Road and Princess Avenue
Ottawa ON K2G 6J8 ***ECA***

Project Type:	Municipal and Private Sewage Works
Approval No:	8355-7DPRQ9
Date:	2008-04-21
Status:	Approved
Longitude:	-75.672899999999998
Latitude:	45.445999999999998
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/7077-79DVE5-14.pdf
Full Address:	

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43 ***2 of 5*** ***N/229.9*** ***72.2*** ***City of Ottawa***
Lisgar Road and Princess Avenue
Ottawa ON K2G 6J8 ***ECA***

Project Type:	Municipal Drinking Water Systems
Approval No:	5716-79FMEA
Date:	2007-11-30
Status:	Approved
Longitude:	-75.672899999999998
Latitude:	45.445999999999998
Record Type:	ECA
PDF URL:	
Full Address:	

---

43 ***3 of 5*** ***N/229.9*** ***72.2*** ***City of Ottawa***
Princess Avenue
Ottawa ON K1P 1J1 ***ECA***

Project Type:	Municipal and Private Sewage Works
Approval No:	5052-73XN3H
Date:	2007-06-10
Status:	Approved
Longitude:	-75.672899999999998
Latitude:	45.445999999999998
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/3415-73WQ5B-14.pdf
Full Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
43	4 of 5	N/229.9	72.2	City of Ottawa Maple Lane, Lisgar Road, Minto Place, Howick Street, Carleton Street, and Springfield Road Ottawa ON K2G 6J8	ECA

Project Type: Municipal Drinking Water Systems
Approval No: 8436-6B9SBC
Date: 2005-04-12
Status: Approved
Longitude: -75.672899999999998
Latitude: 45.445999999999998
Record Type: ECA
PDF URL:
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
43	5 of 5	N/229.9	72.2	City of Ottawa Ottawa ON K2G 6J8	ECA

Project Type: Municipal and Private Sewage Works
Approval No: 6385-79FM52
Date: 2007-11-30
Status: Approved
Longitude: -75.672899999999998
Latitude: 45.445999999999998
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/2256-79DV2A-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
44	1 of 1	S/231.1	57.5	ON	BORE

Borehole ID: 613778
Use:
Drill Method::
Easting:: 447451
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 3.4
Township::
Lot::
Completion Date:: APR-1971
Primary Water Use::
Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032262
Orig. Ground Elev m:: 57.5
DEM Ground Elev m:: 57.3
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218396573
Bottom Depth(m): 0.2
Top Depth(m): 0.0
Stratum Desc: ARTIFICIAL.

Stratum ID: 218396574
Bottom Depth(m): 0.8
Top Depth(m): 0.2
Stratum Desc: ARTIFICIAL. DARK,BROWN.

Stratum ID: 218396575
Bottom Depth(m): 2.3
Top Depth(m): 0.8
Stratum Desc: BEDROCK. BLACK,WEATHERED.

Stratum ID: 218396576
Bottom Depth(m): 3.4
Top Depth(m): 2.3
Stratum Desc: BEDROCK. BLACK,SOUND.
00008079000251 00DENSE TO VERY DENSE.
BEDROCK. BEDROCK. 00000 012

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
45	1 of 1	S/233.1	57.9	121 Beechwood Ave Ottawa ON K1M1L5	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20140303034
Addit. Info Ordered::
Report Date: 07-MAR-14
Report Type: Custom Report
Search Radius (km): .25

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46 **1 of 1** **S/239.3** **57.9** **ON** **BORE**

Borehole ID: 801135
Use: Geotechnical/Geological Investigation
Drill Method:: Rotary (conventional)
Easting:: 447443.19
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 3.4
Township::
Lot::
Completion Date:: 01-APR-1971
Primary Water Use::
Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5032252.91
Orig. Ground Elev m:: 57.5
DEM Ground Elev m:: 57.6
Primary Name:: BH 11
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218566944
Bottom Depth(m): 0.8
Top Depth(m): 0.2
Stratum Desc: Dark Brown Fill-Misc Silt - Sand With: Gr

Stratum ID: 218566945
Bottom Depth(m): 2.3
Top Depth(m): 0.8
Stratum Desc: Black Bedrock Shale

Stratum ID: 218566946
Bottom Depth(m): 3.4
Top Depth(m): 2.3
Stratum Desc: Black Bedrock Shale Fairly Sound

Stratum ID: 218566942
Bottom Depth(m): 0.1
Top Depth(m): 0.0
Stratum Desc: Asphalt

Stratum ID: 218566943
Bottom Depth(m): 0.2
Top Depth(m): 0.1
Stratum Desc: Concrete

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47 **1 of 1** **WSW/242.3** **67.2** **OTTAWA ON** **WWIS**

Well ID: 7264856
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z222211
Tag: A164363
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Data Entry Status:
Data Src:
Date Received: 6/15/2016
Selected Flag: 1
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 200 RIDEAU TERRACE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
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:	1006058073	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	68.494796	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	5/6/2016
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006109918
Layer:	1
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	0.31
Formation End Depth UOM:	m

Formation ID:	1006109919
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.31
Formation End Depth:	4.57
Formation End Depth UOM:	m

Formation ID:	1006109920
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Other Materials:	
Mat3:	73

Other Materials:	HARD
Formation Top Depth:	4.57
Formation End Depth:	8.83
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006109928
Layer:	1
Plug From:	0.00
Plug To:	0.31
Plug Depth UOM:	m

Plug ID:	1006109929
Layer:	2
Plug From:	0.31
Plug To:	5.79
Plug Depth UOM:	m

Plug ID:	1006109930
Layer:	3
Plug From:	5.79
Plug To:	8.83
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006109927
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006109917
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006109923
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	5.79
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006109924
Layer:	1
Slot:	10
Screen Top Depth:	5.79
Screen End Depth:	8.83
Screen Material:	5
Screen Depth UOM:	m

Screen Diameter UOM: cm
Screen Diameter: 4.82

Water Details

Water ID: 1006109922
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006109921
Diameter: 15.23
Depth From: 0.00
Depth To: 8.83
Hole Depth UOM: m
Hole Diameter UOM: cm

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48 **1 of 1** **WSW/244.5** **64.6** **OTTAWA ON** **WWIS**

Well ID: 7264855
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z222213
Tag: A164362
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:
Date Received: 6/15/2016
Selected Flag: 1
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 200 RIDEAU TERRACE
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006058064
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation: 66.979942
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr
Org CS: UTM83
Date Completed: 5/6/2016

Overburden and Bedrock Materials Interval

Formation ID:	1006109890
Layer:	1
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	0.31
Formation End Depth UOM:	m

Formation ID:	1006109891
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.31
Formation End Depth:	4.57
Formation End Depth UOM:	m

Formation ID:	1006109892
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	4.57
Formation End Depth:	9.14
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006109900
Layer:	1
Plug From:	0.00
Plug To:	0.31
Plug Depth UOM:	m

Plug ID:	1006109901
Layer:	2
Plug From:	0.31
Plug To:	6.09
Plug Depth UOM:	m

Plug ID:	1006109902
Layer:	3
Plug From:	6.09
Plug To:	9.14
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006109899
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006109889
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006109895
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.00
Depth To:	6.09
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006109896
Layer:	1
Slot:	10
Screen Top Depth:	6.09
Screen End Depth:	9.14
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1006109894
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006109893
Diameter:	15.23
Depth From:	0.00
Depth To:	9.14
Hole Depth UOM:	m
Hole Diameter UOM:	cm

49	*1 of 1*	*WSW/248.1*	*67.2*	***OTTAWA ON***	***WWIS***

Well ID:	7264854	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	6/15/2016
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z222214	***Owner:***	
Tag:	A164361	***Street Name:***	200 RIDEAU TERRACE
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
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:	1006058049	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	4
Code OB Desc:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	wwr
Elevation:	68.139038	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	5/6/2016
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006109876
Layer:	1
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.00
Formation End Depth:	0.31
Formation End Depth UOM:	m

Formation ID:	1006109877
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	

Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0.31
Formation End Depth: 4.57
Formation End Depth UOM: m

Formation ID: 1006109878
Layer: 3
Color: 6
General Color: BROWN
Mat1: 10
Most Common Material: COARSE SAND
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 4.57
Formation End Depth: 8.83
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006109886
Layer: 1
Plug From: 0.00
Plug To: 0.31
Plug Depth UOM: m

Plug ID: 1006109887
Layer: 2
Plug From: 0.31
Plug To: 5.79
Plug Depth UOM: m

Plug ID: 1006109888
Layer: 3
Plug From: 5.79
Plug To: 8.83
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006109885
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006109875
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006109881
Layer: 1
Material: 5
Open Hole or Material: PLASTIC

Depth From:	0.00
Depth To:	5.79
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006109882
Layer:	1
Slot:	10
Screen Top Depth:	5.79
Screen End Depth:	8.83
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Water Details

Water ID:	1006109880
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006109879
Diameter:	15.23
Depth From:	0.00
Depth To:	8.83
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 57 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Acacia Avenue	Ottawa ON	
CA	Petro-Canada		Ottawa ON	
CA	GLOUCESTER CITY	CHAMPLAIN ST.	GLOUCESTER CITY ON	
CONV	IMPERIAL OIL LIMITED		NORTH YORK ON	
CONV	IMPERIAL OIL LIMITED		DON MILLS ON	
ECA	City of Ottawa	Acacia Avenue	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Acacia Avenue	Ottawa ON	K2G 6J8
ECA	Petro-Canada Inc.		Ottawa ON	L6L 6N5
GEN	ENBRIDGE GAS DISTRIBUTIONI	VARIOUS SITES WITHIN THE MOEE EASTERN REGION	(SEE SCHEDULE "B") ON	M2J 1P8
RST	ALMONTE GROCERY & GAS BAR	HIGHWAY 44	OTTAWA ON	K0A 1A0
SPL	Enbridge Gas Distribution Inc.		Ottawa ON	
SPL	Enbridge Gas Distribution Inc.		Ottawa ON	
SPL	Enbridge Gas Distribution Inc.		Ottawa ON	
SPL	Enbridge Gas Distribution Inc.		Ottawa ON	
SPL	Enbridge Gas Distribution Inc.		Ottawa ON	
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SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	PRIVATE BUSINESS	BEACHWOOD AVE, PARKING LOT STORAGE TANK	OTTAWA CITY ON
SPL	Esso Petroleum Canada, A Division of Imperial Oil Limited	Nepean	Ottawa ON
SPL	Enbridge Gas Distribution	Kemptville	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	Kanata	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	Kanata	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	Greely	Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	ESSO AVITAT		OTTAWA CITY ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	ESSO AVITAT		OTTAWA CITY ON
SPL	Enbridge Gas Distribution Inc.		Ottawa ON

SPL	Enbridge Gas Distribution Inc.		Ottawa ON
SPL	PETRO-CANADA	SERVICE STATION	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
WWIS		lot 2	ON
WWIS		lot 4	ON
WWIS		lot 3	ON
WWIS		lot 2	ON
WWIS		lot 3	ON
WWIS		lot 4	ON
WWIS		lot 2	ON
WWIS		lot 3	ON
WWIS		lot 3	ON
WWIS		lot 3	ON
WWIS		lot 3	ON

Unplottable Report

Site: ***City of Ottawa***
Acacia Avenue Ottawa ON

Database: ***CA***

Certificate #:	9305-5Y4K5F
Application Year:	2004
Issue Date:	4/16/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***Petro-Canada***
Ottawa ON

Database: ***CA***

Certificate #:	5607-79YMZ8
Application Year:	2008
Issue Date:	2/12/2008
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

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

Database: ***CA***

Certificate #:	7-1844-88-
Application Year:	88
Issue Date:	11/18/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***IMPERIAL OIL LIMITED***
NORTH YORK ON

Database: ***CONV***

File No.:	
Publication Title:	

Publication City:
Url:
Crown Brief No.:
Ministry District:
Region: EASTERN REGION
Description: FAILED TO INSPECT OIL/WATER SEPARATOR WEEKLY & MAINTAIN LOG BOOK AT SITE

--Details--
Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date Charged: 6/4/93
Charge Disposition:
Fine: $1,000

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date Charged: 6/4/93
Charge Disposition:
Fine: $4,000

Site: ***IMPERIAL OIL LIMITED***
DON MILLS ON

Database: ***CONV***

File No.:
Publication Title:
Publication City:
Url:
Crown Brief No.:
Ministry District:
Region: EASTERN REGION
Description: FAILED TO COMPLY WITH CONDITIONS OF C. OF A.

--Details--
Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date Charged: 6/4/93
Charge Disposition:
Fine: $6,000

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 66(3)
Act/Regulation/Section: OWRA- -66(3)
Date Charged: 6/4/93
Charge Disposition:
Fine: $6,000

Site: ***City of Ottawa***
Acacia Avenue Ottawa ON K2G 6J8

Database: ***ECA***

Project Type: Municipal Drinking Water Systems

Approval No: 1231-5Y4K88
Date: 2004-04-16
Status: Approved
Longitude: 0.000000000000000
Latitude: 0.000000000000000
Record Type: ECA
PDF URL:
Full Address:

Site: ***City of Ottawa***
Acacia Avenue Ottawa ON K2G 6J8

Database: ***ECA***

Project Type: Municipal and Private Sewage Works
Approval No: 9305-5Y4K5F
Date: 2004-04-16
Status: Approved
Longitude: 0.000000000000000
Latitude: 0.000000000000000
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/8183-5XTRAK-14.pdf
Full Address:

Site: ***Petro-Canada Inc.***
Ottawa ON L6L 6N5

Database: ***ECA***

Project Type: Industrial Sewage Works
Approval No: 4810-4UMJP8
Date: 2001-03-12
Status: Approved
Longitude: 0.000000000000000
Latitude: 0.000000000000000
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/7825-4UCP9D-14.pdf
Full Address:

Site: ***ENBRIDGE GAS DISTRIBUTIONI***
VARIOUS SITES WITHIN THE MOEE EASTERN REGION (SEE SCHEDULE "B") ON M2J 1P8

Database: ***GEN***

Generator No.: ONR000504
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 221210
SIC Description: Natural Gas Distribution

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 243
Waste Description: PCBS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Site: ***ALMONTE GROCERY & GAS BAR***
HIGHWAY 44 OTTAWA ON K0A 1A0

Database: ***RST***

Code: 1186800
Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:
List Name:

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 8363-9G2T2C
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Code: 35
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 15000 m³
MOE Reported Dt: 2014/02/05
Health/Env Conseq:
Incident Dt: 2014/02/06
Incident Cause: Other
Incident Event:
Incident Reason: Unknown / N/A
Incident Summary: spill to air: purging of Enbridge natural gas lines

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Ottawa
Site Postal Code:
Sector Type: Other
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact: Confirmed
Nature of Impact: Air Pollution
SAC Action Class: Air Spills - Gases and Vapours

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 7485-9ZBNKS
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Code: 35
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 n/a
MOE Reported Dt: 8/12/2015
Health/Env Conseq:
Incident Dt: 8/12/2015
Incident Cause:
Incident Event:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: 1/2" pl IP, made safe

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Ottawa
Site Postal Code:
Sector Type: Petroleum Refineries
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact:
Nature of Impact:
SAC Action Class: TSSA - Fuel Safety Branch - NO Hydrocarbon Fuel Release/Spill

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Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 5388-AEQTMZ
Contaminant Name: NATURAL GAS (METHANE)

Site Address:
Site Conc:

Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Miscellaneous Industrial
MOE Reported Dt:	10/14/2016	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	10/14/2016	***Receiving Env:***	Air
Incident Cause:		***Environment Impact:***	
Incident Event:	Leak/Break	***Nature of Impact:***	
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA FSB: 1/2" plastic linestrike		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	2444-9MGP9S	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/07/29	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/07/29	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Summary:	TSSA FSB: 0.5 " plastic service, blowing		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4453-9N5UJH	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/08/19	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/08/19	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Not Anticipated
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1.25 inch line damage, ongoing		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	7083-9NSN3U	***Site Address:***	
Contaminant Name:	NATURAL GAS, COMPRESSED (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 n/a	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/09/09	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/09/09	***Receiving Env:***	
Incident Cause:	Operator/Human error	***Environment Impact:***	

Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA- Spill- half inch line break		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	3354-9Q7QEF	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/10/24	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/10/23	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: line strike 1/2" plastic service		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	8650-9MCMZE	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/07/25	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/07/25	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: Line strike 1 1/4" plastic		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4535-97FMHR	***Site Address:***	
Contaminant Name:	NATURAL GAS, COMPRESSED (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 L	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	06-MAY-13	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	06-MAY-13	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Summary:	TSSA: Line Strike - 203 Northwestern Avenue, Ottawa		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	6486-9MHM8P	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/07/30	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/07/30	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: line strike 2" plastic main		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4324-9XHREV	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	
MOE Reported Dt:	6/15/2015	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	6/15/2015	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	
Incident Event:		***Nature of Impact:***	Air
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2 inch line damage, made safe		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	1008-9HUNVS	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/04/04	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/04/04	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Summary:	TSSA FSB: enbridge natural gas release		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4385-9KDPCL	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/05/23	***Source Type:***	

Health/Env Conseq:
Incident Dt: 2014/05/23
Incident Cause: Operator/Human error
Incident Event:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: 1 1/4 inch ip line strike -not safe-

Receiving Medium:
Receiving Env:
Environment Impact: Confirmed
Nature of Impact: Air Pollution
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

---

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 4222-A5NVWE
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Code: 35
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 other - see incident description
MOE Reported Dt: 12/29/2015
Health/Env Conseq:
Incident Dt: 12/29/2015
Incident Cause:
Incident Event:
Incident Reason: Road Conditions
Incident Summary: TSSA snow plow hits gas meter

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Ottawa
Site Postal Code:
Sector Type: Miscellaneous Industrial
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact:
Nature of Impact:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

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Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 6614-9R7RC4
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Code: 35
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 other - see incident description
MOE Reported Dt: 2014/11/25
Health/Env Conseq:
Incident Dt: 2014/11/25
Incident Cause: Leak/Break
Incident Event:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: Line strike 1" plastic service

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Ottawa
Site Postal Code:
Sector Type: Pipeline/Components
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact:
Nature of Impact: Air
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

---

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No: 2833-8LULTQ
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Code: 35
Contaminant Limit 1:
Contam. Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 0 other - see incident description
MOE Reported Dt: 9/19/2011
Health/Env Conseq:
Incident Dt: 9/19/2011
Incident Cause: Discharge or Emission to Air
Incident Event:
Incident Reason:
Incident Summary: TSSA: natural gas to atm, evac

Site Address:
Site Conc:
Site Lot:
Site County/District:
Site Municipality: Ottawa
Site Postal Code:
Sector Type: Other
Source Type:
Receiving Medium:
Receiving Env:
Environment Impact: Not Anticipated
Nature of Impact:
SAC Action Class: TSSA - Fuel Safety Branch

Site: ***PRIVATE BUSINESS***
BEACHWOOD AVE, PARKING LOT STORAGE TANK OTTAWA CITY ON

Database: ***SPL***

Ref No:	211361	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20107
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	9/12/2001	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land, Water
Incident Dt:	9/12/2001	***Receiving Env:***	
Incident Cause:	OTHER CONTAINER LEAK	***Environment Impact:***	Possible
Incident Event:		***Nature of Impact:***	Other
Incident Reason:	VANDALISM	***SAC Action Class:***	
Incident Summary:	PRIVATE BUSINESS: <45 L COOKING OIL TO PARKING LOT AND CATCH BASIN.		

Site: ***Esso Petroleum Canada, A Division of Imperial Oil Limited***
Nepean Ottawa ON

Database: ***SPL***

Ref No:	0874-78WNRU	***Site Address:***	
Contaminant Name:	DIESEL FUEL	***Site Conc:***	
Contaminant Code:	13	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	8 L	***Sector Type:***	Tank Truck
MOE Reported Dt:	11/13/2007	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Land
Incident Dt:		***Receiving Env:***	
Incident Cause:	Pipe Or Hose Leak	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	soil contamiination
Incident Reason:	Equipment Failure	***SAC Action Class:***	
Incident Summary:	Errentom Tanklines - 8L diesel to grd		

Site: ***Enbridge Gas Distribution***
Kemptville Ottawa ON

Database: ***SPL***

Ref No:	4421-97XMRW	***Site Address:***	Kemptville
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Other
MOE Reported Dt:	22-MAY-13	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	22-MAY-13	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Not Anticipated
Incident Event:		***Nature of Impact:***	Air Pollution; Human Health/Safety
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 2 inch main damage, evacuations		

Site: ***Enbridge Gas Distribution Inc.***
Kanata Ottawa ON

Database: ***SPL***

Ref No:	2327-9CQKTG	***Site Address:***	Kanata
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	

Contaminant Qty:	0 L	***Sector Type:***	Unknown / N/A
MOE Reported Dt:	2013/10/22	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2013/10/22	***Receiving Env:***	
Incident Cause:	Unknown / N/A	***Environment Impact:***	Not Anticipated
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Unknown / N/A	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	On-going notice of NG gas leaks		

Site: ***Enbridge Gas Distribution Inc.***
Kanata Ottawa ON

Database: ***SPL***

Ref No:	1782-8VELWV	***Site Address:***	Kanata
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	19-JUN-12	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	Sewage - Municipal/Private and Commercial
Incident Dt:	19-JUN-12	***Receiving Env:***	
Incident Cause:	Discharge or Emission to Air	***Environment Impact:***	Not Anticipated
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Spill	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2 inch damage		

Site: ***Enbridge Gas Distribution Inc.***
Greely Ottawa ON

Database: ***SPL***

Ref No:	4180-9RLMJ9	***Site Address:***	Greely
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Unknown / N/A
MOE Reported Dt:	2014/12/08	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/12/08	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	
Incident Event:		***Nature of Impact:***	Air
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2" plastic strike, safe		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	0545-AFGS63	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Miscellaneous Industrial
MOE Reported Dt:	2016/11/07	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2016/11/07	***Receiving Env:***	Air
Incident Cause:		***Environment Impact:***	
Incident Event:	Leak/Break	***Nature of Impact:***	
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Incident Summary: TSSA FSB: 1/2" plastic linestrike

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	2024-9Q3J6N	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/10/20	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/10/20	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA; Line strike; 1/2" plastic service		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	7266-A8RHW2	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Miscellaneous Industrial
MOE Reported Dt:	2016/04/06	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2016/04/06	***Receiving Env:***	Air
Incident Cause:		***Environment Impact:***	
Incident Event:	Leak/Break	***Nature of Impact:***	
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA FSB: 2" plastic linestrike		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4566-8XMPH3	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline
MOE Reported Dt:	29-AUG-12	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	29-AUG-12	***Receiving Env:***	
Incident Cause:	Pipe Or Hose Leak	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Other Impact(s)
Incident Reason:	Spill	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2" plastic line damage; safe		

Site: ***ESSO AVITAT***
OTTAWA CITY ON

Database: ***SPL***

Ref No:	170215	***Site Address:***	
Contaminant Name:		***Site Conc:***	

Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	7/15/1999	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	7/14/1999	***Receiving Env:***	
Incident Cause:	CONTAINER OVERFLOW	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	NEGLIGENCE (APPARENT)	***SAC Action Class:***	
Incident Summary:	ESSO AVITAT: JET A-1 FUELSPILL TO GRD. 180 L MAINTENANCE ERROR CLEANED		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	1200-99MHXA	***Site Address:***	
Contaminant Name:	METHANE GAS, COMPRESSED (NATURAL GAS)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 L	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2013/07/15	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2013/07/15	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Summary:	TSSA: Line Strike - 1965 Naskapi Drive, Ottawa		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	0665-9SWP6D	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	
MOE Reported Dt:	1/19/2015	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	1/19/2015	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	
Incident Event:		***Nature of Impact:***	Air
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2" plastic line strike, safe		

Site: ***ESSO AVITAT***
OTTAWA CITY ON

Database: ***SPL***

Ref No:	169810	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	7/5/1999	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND

Incident Dt:	7/4/1999	***Receiving Env:***	
Incident Cause:	CONTAINER OVERFLOW	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	OVERSTRESS/OVERPRESSURE	***SAC Action Class:***	
Incident Summary:	ESSO AVITAT: 5 L JET A1 FUEL SPILL TO GROUND CONTAINED, CLEANED UP		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	3114-9K4L2T	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	2014/05/14	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	2014/05/07	***Receiving Env:***	
Incident Cause:	Leak/Break	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Operator/Human Error	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA: 1/2" Line strike		

Site: ***Enbridge Gas Distribution Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	4302-992J6A	***Site Address:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Conc:***	
Contaminant Code:	35	***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	Ottawa
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:	0 other - see incident description	***Sector Type:***	Pipeline/Components
MOE Reported Dt:	26-JUN-13	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	
Incident Dt:	26-JUN-13	***Receiving Env:***	
Incident Cause:	Operator/Human error	***Environment Impact:***	Confirmed
Incident Event:		***Nature of Impact:***	Air Pollution
Incident Reason:	Unknown / N/A	***SAC Action Class:***	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Summary:	TSSA, 2" steel line, 1974 Haig St, blowing		

Site: ***PETRO-CANADA***
SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	30833	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	2/12/1990	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	2/12/1990	***Receiving Env:***	
Incident Cause:	OTHER CONTAINER LEAK	***Environment Impact:***	POSSIBLE
Incident Event:		***Nature of Impact:***	Soil contamination
Incident Reason:	CORROSION	***SAC Action Class:***	
Incident Summary:	PETRO CANADA SERVICE STN.FURANCE OIL LEAK.		

Site: ***ESSO PETROLEUM CANADA***
BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	155190	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	5/1/1998	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	5/1/1998	***Receiving Env:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	NEGLIGENCE (APPARENT)	***SAC Action Class:***	
Incident Summary:	ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.		

Site: ***ESSO PETROLEUM CANADA***
TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	47843	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	3/20/1991	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	3/19/1991	***Receiving Env:***	
Incident Cause:	PIPE/HOSE LEAK	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	ERROR	***SAC Action Class:***	
Incident Summary:	ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND		

Site: ***ESSO PETROLEUM CANADA***
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	59519	***Site Address:***	
Contaminant Name:		***Site Conc:***	
Contaminant Code:		***Site Lot:***	
Contaminant Limit 1:		***Site County/District:***	
Contam. Limit Freq 1:		***Site Municipality:***	20101
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Sector Type:***	
MOE Reported Dt:	11/7/1991	***Source Type:***	
Health/Env Conseq:		***Receiving Medium:***	LAND
Incident Dt:	11/7/1991	***Receiving Env:***	
Incident Cause:	PIPE/HOSE LEAK	***Environment Impact:***	NOT ANTICIPATED
Incident Event:		***Nature of Impact:***	
Incident Reason:	ERROR	***SAC Action Class:***	
Incident Summary:	ESSO-3 LITRES DIESEL FUELTO GRND UNDER LOADING RACK,COUPLING NOT CLOSED		

Site:
lot 2 ON

Database: ***WWIS***

Well ID:	1522712	***Data Entry Status:***	
Construction Date:		***Data Src:***	1

Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 27065
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: 10/26/1988
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 002
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044522
DP2BR: 21
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 8/10/1988

Overburden and Bedrock Materials Interval

Formation ID: 931052365
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 21.00
Formation End Depth UOM: ft

Formation ID: 931052366
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 21.00
Formation End Depth: 90.00
Formation End Depth UOM: ft

Formation ID: 931052367

Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 90.00
Formation End Depth: 123.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522712
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593092
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077859
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930077860
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522712
Pump Set At:
Static Level: 12.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 60.00
Pumping Rate: 50.00
Flowing Rate:
Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934111041
Test Type:
Test Duration: 15
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934386885
Test Type:
Test Duration: 30
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934656261
Test Type:
Test Duration: 45
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934905078
Test Type:
Test Duration: 60
Test Level: 60.00
Test Level UOM: ft

Water Details

Water ID: 933480709
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.00
Water Found Depth UOM: ft

Water ID: 933480710
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.00
Water Found Depth UOM: ft

Site:
lot 4 ON

Database:
WWIS

Well ID: 1524123
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56300
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: 1/26/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 004
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

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

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

Formation ID: 931056933
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 56.00
Formation End Depth: 84.00
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Construction Record - Casing

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

Casing ID: 930080344

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

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Results of Well Yield Testing

Pump Test ID: 991524123
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 75.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Water Details

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

Pipe Information

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

Construction Record - Casing

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

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

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

Pump Test Detail ID: 934652483

Test Type:
Test Duration: 45
Test Level: 75.00
Test Level UOM: ft

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

Results of Well Yield Testing

Pump Test ID: 991524123
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 75.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Water Details

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

Bore Hole Information

Bore Hole ID: 10045895
DP2BR: 56
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/14/1989

Overburden and Bedrock Materials Interval

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

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

Formation ID: 931056933
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 56.00
Formation End Depth: 84.00
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Construction Record - Casing

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

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

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Results of Well Yield Testing

Pump Test ID: 991524123
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 75.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Water Details

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

Pipe Information

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

Construction Record - Casing

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

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

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Results of Well Yield Testing

Pump Test ID: 991524123
Pump Set At:
Static Level: 20.00
Final Level After Pumping: 75.00
Recommended Pump Depth: 75.00
Pumping Rate: 7.00
Flowing Rate:
Recommended Pump Rate: 7.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107704
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

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

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

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

Test Level UOM: ft

Water Details

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

Site:
lot 3 ON

Database:
WWIS

Well ID: 1531723
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220258
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: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

Formation ID: 931079336
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Other Materials: SANDY
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 931079337
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931079338
Layer: 3

Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Formation ID: 931079339
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 42.00
Formation End Depth: 73.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116887
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531723
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 18.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30

Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531723
Pump Set At:
Static Level: 23.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 50.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 12.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933492311
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.00

Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10601827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 18.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531723
Pump Set At:
Static Level: 23.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 50.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 12.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933492311
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10053257
DP2BR: 37
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/28/2000

Overburden and Bedrock Materials Interval

Formation ID: 931079336
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Other Materials: SANDY
Mat3: 05
Other Materials: CLAY
Formation Top Depth: 0.00
Formation End Depth: 3.00

Formation End Depth UOM: ft

Formation ID: 931079337
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931079338
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 42.00
Formation End Depth UOM: ft

Formation ID: 931079339
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 42.00
Formation End Depth: 73.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116887
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531723
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To:
Casing Diameter: 18.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531723
Pump Set At:
Static Level: 23.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 50.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 12.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down

Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933492311
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10601827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 18.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID:	991531723
Pump Set At:	
Static Level:	23.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	50.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	12.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934114544
Test Type:	Draw Down
Test Duration:	15
Test Level:	28.00
Test Level UOM:	ft

Pump Test Detail ID:	934397743
Test Type:	Draw Down
Test Duration:	30
Test Level:	28.00
Test Level UOM:	ft

Pump Test Detail ID:	934658679
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934916125
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.00
Test Level UOM:	ft

Water Details

Water ID:	933492311
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.00
Water Found Depth UOM:	ft

Site:
lot 2 ON

Database:
WWIS

Well ID:	1522713	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/26/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Recharge Well	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	27064	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002

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

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044523
DP2BR: 19
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 8/10/1988

Overburden and Bedrock Materials Interval

Formation ID: 931052368
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 19.00
Formation End Depth UOM: ft

Formation ID: 931052369
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 19.00
Formation End Depth: 90.00
Formation End Depth UOM: ft

Formation ID: 931052370
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 90.00
Formation End Depth: 123.00

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522713
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593093
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077861
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930077862
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522713
Pump Set At:
Static Level: 11.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 60.00
Pumping Rate: 50.00
Flowing Rate:
Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934111042
Test Type:
Test Duration: 15
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934386886
Test Type:
Test Duration: 30
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934656262
Test Type:
Test Duration: 45
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934905079
Test Type:
Test Duration: 60
Test Level: 60.00
Test Level UOM: ft

Water Details

Water ID: 933480711
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.00
Water Found Depth UOM: ft

Water ID: 933480712
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 1525011
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 80368
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: 10/31/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

Formation ID: 931059750
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79

Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931059751
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 39.00
Formation End Depth UOM: ft

Formation ID: 931059752
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Other Materials: VERY
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 39.00
Formation End Depth: 74.00
Formation End Depth UOM: ft

Formation ID: 931059753
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 74.00
Formation End Depth: 79.00
Formation End Depth UOM: ft

Formation ID: 931059754
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 79.00
Formation End Depth: 103.00
Formation End Depth UOM: ft

Formation ID: 931059755
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74

Other Materials: LAYERED
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 103.00
Formation End Depth: 310.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525011
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081882
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 310.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525011
Pump Set At:
Static Level: 68.00
Final Level After Pumping: 105.00
Recommended Pump Depth: 250.00
Pumping Rate: 12.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Water Details

Water ID: 933483830
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 185.00
Water Found Depth UOM: ft

Water ID: 933483831
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 306.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595323
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081882
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 310.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525011
Pump Set At:
Static Level: 68.00
Final Level After Pumping: 105.00
Recommended Pump Depth: 250.00
Pumping Rate: 12.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Water Details

Water ID: 933483830
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 185.00
Water Found Depth UOM: ft

Water ID: 933483831
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 306.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10046753
DP2BR: 103
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Org CS:
Date Completed: 9/21/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059750
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931059751
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 39.00
Formation End Depth UOM: ft

Formation ID: 931059752
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Other Materials: VERY
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 39.00
Formation End Depth: 74.00
Formation End Depth UOM: ft

Formation ID: 931059753
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 74.00
Formation End Depth: 79.00
Formation End Depth UOM: ft

Formation ID: 931059754
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 79.00
Formation End Depth: 103.00
Formation End Depth UOM: ft

Formation ID: 931059755
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 103.00
Formation End Depth: 310.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525011
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081882
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 310.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525011
Pump Set At:
Static Level: 68.00
Final Level After Pumping: 105.00
Recommended Pump Depth: 250.00
Pumping Rate: 12.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down

Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Water Details

Water ID: 933483830
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 185.00
Water Found Depth UOM: ft

Water ID: 933483831
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 306.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595323
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081882
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 310.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525011
Pump Set At:
Static Level: 68.00
Final Level After Pumping: 105.00
Recommended Pump Depth: 250.00
Pumping Rate: 12.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.00
Test Level UOM: ft

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.00
Test Level UOM: ft

Water Details

Water ID: 933483830

Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 185.00
Water Found Depth UOM: ft

Water ID: 933483831
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 306.00
Water Found Depth UOM: ft

Site:
lot 4 ON

Database:
WWIS

Well ID: 1530022
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 180720
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: 6/11/1998
Selected Flag: 1
Abandonment Rec:
Contractor: 6455
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 004
Concession:
Concession Name: LI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

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

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

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

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

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Construction Record - Casing

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

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

Draw Down & Recovery

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

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

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

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

Results of Well Yield Testing

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

Draw Down & Recovery

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

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

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

Pump Test Detail ID: 934909911
Test Type:

Test Duration: 60
Test Level: 26.00
Test Level UOM: ft

Water Details

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

Pipe Information

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

Construction Record - Casing

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

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

Draw Down & Recovery

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

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

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

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

Test Level UOM: ft

Results of Well Yield Testing

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

Draw Down & Recovery

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

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

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

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

Water Details

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

Bore Hole Information

Bore Hole ID: 10051557
DP2BR: 54
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 5/22/1998

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

Overburden and Bedrock Materials Interval

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

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

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

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

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Construction Record - Casing

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

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

Draw Down & Recovery

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

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

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

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

Results of Well Yield Testing

Pump Test ID: 991530022

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

Draw Down & Recovery

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

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

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

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

Water Details

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

Pipe Information

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

Construction Record - Casing

Casing ID: 930089820
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.00

Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

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

Draw Down & Recovery

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

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

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

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

Results of Well Yield Testing

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

Draw Down & Recovery

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

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

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

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

Water Details

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

Site:
lot 2 ON

Database:
WWIS

Well ID:	1530885	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/7/1999
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	208491	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	LI
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052419	***Spatial Status:***	
DP2BR:	27	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/28/1999
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931076862
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931076863
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 23.00
Formation End Depth UOM: ft

Formation ID: 931076864
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 23.00
Formation End Depth: 27.00
Formation End Depth UOM: ft

Formation ID: 931076865
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 27.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116058
Layer: 1
Plug From: 0.00
Plug To: 28.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530885
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10600989
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091534
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930091535
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530885
Pump Set At:
Static Level: 17.00
Final Level After Pumping: 20.00
Recommended Pump Depth: 40.00
Pumping Rate: 30.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934119500
Test Type:
Test Duration: 15
Test Level: 58.00
Test Level UOM: ft

Pump Test Detail ID: 934386238
Test Type:

Test Duration: 30
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934663638
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934903790
Test Type:
Test Duration: 60
Test Level: 20.00
Test Level UOM: ft

Water Details

Water ID: 933491168
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 50.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1524826
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56399
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: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

Formation ID: 931059225
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Formation ID: 931059226
Layer: 2

Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 28.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931059227
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524826
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30

Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524826
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 25.00
Flowing Rate:
Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933483584
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.00

Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595142
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524826
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 25.00
Flowing Rate:

Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933483584
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10046572
DP2BR: 37
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 1/9/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059225

Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Formation ID: 931059226
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 28.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931059227
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524826
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00

Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524826
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 25.00
Flowing Rate:
Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933483584
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595142
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572

Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524826
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 25.00
Flowing Rate:
Recommended Pump Rate: 15.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933483584
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 1531215
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply

Data Entry Status:
Data Src: 1
Date Received: 7/21/2000
Selected Flag: 1
Abandonment Rec:

Water Type:
Casing Material:
Audit No: 217004
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:

Contractor: 1119
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name: LI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

Formation ID: 931077852
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Formation ID: 931077853
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 28.00
Formation End Depth: 62.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116387
Layer: 1
Plug From: 2.00
Plug To: 33.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531215
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930092222
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092223
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092224
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531215
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 18.00
Flowing Rate:
Recommended Pump Rate: 18.00
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Water Details

Water ID: 933491579
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.00
Water Found Depth UOM: ft

Water ID: 933491580
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933491581
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10601319
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092222

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

Casing ID: 930092223
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092224
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531215
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 18.00
Flowing Rate:
Recommended Pump Rate: 18.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Water Details

Water ID: 933491579
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.00
Water Found Depth UOM: ft

Water ID: 933491580
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933491581
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10052749
DP2BR: 28
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 5/31/2000

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

Overburden and Bedrock Materials Interval

Formation ID: 931077852
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Formation ID: 931077853
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 28.00
Formation End Depth: 62.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116387
Layer: 1
Plug From: 2.00
Plug To: 33.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531215
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930092222
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092223

Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092224
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531215
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 18.00
Flowing Rate:
Recommended Pump Rate: 18.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934121177

Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Water Details

Water ID: 933491579
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.00
Water Found Depth UOM: ft

Water ID: 933491580
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933491581
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10601319
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092222
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930092223
Layer: 2

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

Casing ID: 930092224
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531215
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 18.00
Flowing Rate:
Recommended Pump Rate: 18.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery

Test Duration: 15
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.00
Test Level UOM: ft

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.00
Test Level UOM: ft

Water Details

Water ID: 933491579
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.00
Water Found Depth UOM: ft

Water ID: 933491580
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933491581
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1525010
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 80369
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: 10/31/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Overburden and Bedrock Materials Interval

Formation ID: 931059744
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 24.00
Formation End Depth UOM: ft

Formation ID: 931059745
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 24.00
Formation End Depth: 43.00
Formation End Depth UOM: ft

Formation ID: 931059746
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Other Materials: VERY
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 43.00
Formation End Depth: 85.00
Formation End Depth UOM: ft

Formation ID: 931059747
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 85.00
Formation End Depth: 94.00
Formation End Depth UOM: ft

Formation ID: 931059748
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 79

Other Materials: PACKED
Formation Top Depth: 94.00
Formation End Depth: 96.00
Formation End Depth UOM: ft

Formation ID: 931059749
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 96.00
Formation End Depth: 175.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525010
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930081878
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 99.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081879
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 175.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00

Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525010
Pump Set At:
Static Level: 73.00
Final Level After Pumping: 100.00
Recommended Pump Depth: 150.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Water Details

Water ID: 933483829
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 168.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595322
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081878
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 99.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081879
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 175.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525010
Pump Set At:
Static Level: 73.00
Final Level After Pumping: 100.00
Recommended Pump Depth: 150.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Water Details

Water ID: 933483829
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 168.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10046752
DP2BR: 96
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/18/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059744
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED

Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 24.00
Formation End Depth UOM: ft

Formation ID: 931059745
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 24.00
Formation End Depth: 43.00
Formation End Depth UOM: ft

Formation ID: 931059746
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Other Materials: VERY
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 43.00
Formation End Depth: 85.00
Formation End Depth UOM: ft

Formation ID: 931059747
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 85.00
Formation End Depth: 94.00
Formation End Depth UOM: ft

Formation ID: 931059748
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 94.00
Formation End Depth: 96.00
Formation End Depth UOM: ft

Formation ID: 931059749
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED

Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 96.00
Formation End Depth: 175.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525010
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Construction Record - Casing

Casing ID: 930081878
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 99.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081879
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 175.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525010
Pump Set At:

Static Level: 73.00
Final Level After Pumping: 100.00
Recommended Pump Depth: 150.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Water Details

Water ID: 933483829
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 168.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10595322
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081878
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 99.00
Casing Diameter: 6.00

Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081879
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 175.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525010
Pump Set At:
Static Level: 73.00
Final Level After Pumping: 100.00
Recommended Pump Depth: 150.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 5.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934386009

Test Type: Draw Down
Test Duration: 30
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.00
Test Level UOM: ft

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.00
Test Level UOM: ft

Water Details

Water ID: 933483829
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 168.00
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1530280
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 175701
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: 11/16/1998
Selected Flag: 1
Abandonment Rec:
Contractor: 9999
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Annular Space/Abandonment Sealing Record

Plug ID: 933115411
Layer: 1
Plug From: 0.00
Plug To: 75.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530280
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Construction Record - Casing

Casing ID: 930090290
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 28.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933490347
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 25.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10600385
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090290
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 28.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933490347
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 25.00
Water Found Depth UOM: ft

Bore Hole Information

Bore Hole ID: 10051815
DP2BR:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/21/1998

Annular Space/Abandonment Sealing Record

Plug ID: 933115411
Layer: 1
Plug From: 0.00
Plug To: 75.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530280
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Construction Record - Casing

Casing ID: 930090290
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 28.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933490347
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 25.00
Water Found Depth UOM: ft

Pipe Information

Pipe ID: 10600385
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090290
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 28.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933490347
Layer: 1
Kind Code: 2
Kind: SALTY

Water Found Depth:	25.00
Water Found Depth UOM:	ft

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 2016

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-May 2017

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-May 2017

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jul 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Aug 2017

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886-Aug 2015

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-Jul 2017

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Aug 2017

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Jul 2017

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: Jun 2000-Mar 2017

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Apr 2015

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jun 2017

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2017

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008 -Jun 2017

National Energy Board Wells: Federal NEBW

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-2014

Oil and Gas Wells: Private OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 2017

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Oct 2016

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 2017

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents: Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Aug 2017

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Aug 2017

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-May 2017

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-Jun 2017

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-2014

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Jul 31, 2017

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31, 2017

Definitions

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

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

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

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

ATTACHMENT G

SITE PHOTOGRAPHS

Front view of building at site

Front view of vacant lot (south portion of site)

Side view of building at left and adjacent residential development (north of site)