



Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Studies

Phase I - Environmental Site Assessment

1452-1470 Hunt Club Road &
1525-1545 Sieveright Avenue
Ottawa, Ontario

Prepared For

DCR Phoenix Group

Paterson Group Inc.

Consulting Engineers
154 Colonnade Road South
Ottawa (Nepean), Ontario
Canada K2E 7J5

Tel: (613) 226-7381
Fax: (613) 226-6344
www.patersongroup.ca

September 28, 2020

Report: PE5015-1

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PROPERTY INFORMATION.....	2
3.0 SCOPE OF INVESTIGATION	3
4.0 RECORDS REVIEW	4
4.1 General.....	4
4.2 Environmental Source Information	5
4.3 Physical Setting Sources	8
5.0 PERSONAL INTERVIEWS.....	10
6.0 SITE RECONNAISSANCE.....	10
6.1 General Requirements.....	10
6.2 Site Inspection Observations	10
7.0 REVIEW AND EVALUATION OF INFORMATION	19
7.1 Land Use History	19
7.2 Conceptual Site Model.....	21
8.0 CONCLUSION	24
8.1 Assessment.....	24
8.2 Recommendations.....	25
9.0 STATEMENT OF LIMITATIONS	27
10.0 REFERENCES.....	28

List of Figures

- Figure 1 - Key Plan
- Figure 2 - Topographic Map
- Drawing PE5015-1 - Site Plan
- Drawing PE5015-2 - Surrounding Land Use Plan

List of Appendices

- Appendix 1 Aerial Photographs
 Site Photographs

- Appendix 2 MECP Water Well Records
 City of Ottawa HLUI Request Form
 ERIS Database Report

- Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by DCR Phoenix Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 1452-1470 Hunt Club Road and 1525-1545 Sieveright Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site was first developed with residential dwellings sometime in the late 1950's or early 1960's. Other property parcels which comprise the subject site were later developed for commercial purposes in the 1970's and 1980's. Based on a review of historical aerial photographs, fill material appears to have been imported onto the subject site. The presence of this fill material is considered to represent an APEC with respect to the subject site.

The neighbouring lands in the vicinity of the subject site have historically been used for residential and commercial purposes. An auto service garage and an autobody shop were historically listed in the 1980's for the properties addressed 1517 and 1521 Sieveright Avenue, respectively. Due to their close proximity to the subject site, the historical use of these properties are considered to represent areas of potential environmental concern. The historical use of the remaining properties in the vicinity of the subject site are not considered to pose an environmental concern, based on their separation distances and/or cross-gradient orientations.

Following the historical review, a site inspection was conducted to assess the present-day environmental conditions of the subject site. The properties addressed 1452, 1460, and 1470 Hunt Club Road, located in the northern portion of the subject site, contain residential dwellings which have since been repurposed and converted into commercial offices. These properties also contain an auto service garage, a storage warehouse, as well as an auto sales lot. The properties addressed 1525, 1531, and 1545 Sieveright Avenue, located in the southern portion of the subject site, contain a multi-tenant commercial building and auto service garage, as well as a self-storage facility. The presence of the two (2) auto service garages are considered to represent areas of potential environmental concern with respect to the subject site.

A small patch of dark surficial staining was observed in the vicinity of an empty decommissioned aboveground fuel storage tank, located at the rear of 1460 Hunt Club Road, adjacent to a storage warehouse building. This surficial staining is considered to represent an area of potential environmental concern with respect to the subject site.

A small temporary storage tent, used for storing road salt, was observed within the rear storage yard of the property addressed 1470 Hunt Club Road. A pile of salt was observed to be stored on the gravel ground surface within the storage tent. The use of this storage tent for the storage of road salt is considered to result in an area of potential environmental concern with respect to the subject site

Two (2) aboveground fuel oil storage tanks were identified on the subject site at the time of the site inspection. One of the ASTs was identified at the rear of the auto service garage located at 1452 Hunt Club Road and was observed to be actively in use. The other AST was identified in the basement of the former residence at 1460 Hunt Club Road and was observed to be empty and no longer in use. The presence of these two (2) ASTs are considered to represent areas of potential environmental concern with respect to the subject site.

The neighbouring lands within the vicinity of the subject site were generally observed to be used for residential and commercial purposes. Several properties to the west of the subject site were observed to contain automotive sales lots and/or service garages, however, based on their separation distances and/or cross-gradient orientation, these properties are not considered to pose an environmental concern to the subject site.

Recommendations

Based on the findings of this Phase I ESA, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the subject site in order to support the filing of a Record of Site Condition.**

Hazardous Building Materials

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), asbestos containing building materials (ACMs) may be potentially present within the structures. The potential ACMs identified at time of the site inspection include the following:

1452 Hunt Club Road: Access to this building was not available at the time of the site inspection. An inspection and sampling for potential ACMs within this building should be completed in conjunction with an asbestos survey for the remaining buildings on-site.

1460 Hunt Club Road: linoleum flooring, plaster ceilings, drywall joint compound, and vinyl floor tiles.

1470 Hunt Club Road: stipple plaster ceiling, drywall joint compound.

1525 Sieveright Avenue: drywall joint compound.

These building materials were generally observed to be in good condition at the time of the site inspection and do not pose any immediate concern to the occupants of the buildings. An asbestos survey of these buildings should be conducted in accordance with O.Reg. 278/05, under the Occupational Health and Safety Act, prior to any renovation or demolition activities, if one has not already been conducted.

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within these buildings were generally observed to be in good condition and do not pose any immediate concern to the occupants of the buildings. Major work involving lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of DCR Phoenix Group, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 1452, 1460, and 1470 Hunt Club Road, as well as 1525, 1531, and 1545 Sieveright Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

Paterson was engaged to conduct this Phase I ESA by Mr. Michael Boucher of DCR Phoenix Group. Mr. Boucher can be reached by telephone at 613-723-9227.

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

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

2.0 PROPERTY INFORMATION

Addresses:	1452 Hunt Club Road, Ottawa, Ontario; 1460 Hunt Club Road, Ottawa, Ontario; 1470 Hunt Club Road, Ottawa, Ontario; 1525 Sieveright Avenue, Ottawa, Ontario; 1531 Sieveright Avenue, Ottawa, Ontario; 1545 Sieveright Avenue, Ottawa, Ontario.
Legal Description:	Part of Lot 6, Concession 4 (Rideau Front), Formerly the Township of Gloucester, in the City of Ottawa.
Location:	The subject site is located on the south side of Hunt Club Road, approximately 90 m west of Cahill Drive, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan for the site location.
Latitude and Longitude:	45° 21' 24" N, 75° 38' 18" W
Site Description:	
Configuration:	Irregular
Site Area:	19,900 m ² (approximate)
Zoning:	GM16[2294] – General Mixed-Use Zone; IL2 H(14) – Light Industrial Zone.
Current Uses:	The subject site is current occupied with two (2) auto service garages, five (5) self-storage buildings, three (3) commercial office buildings, a used car sales lot, a warehouse storage building, as well as multiple storage sheds.
Services:	The subject site is located within a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property and, if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I study area for this assignment. Properties located outside of this radius are not considered to have had the potential to impact the subject site, based on their significant distances.

First Developed Use Determination

Based on a review of available historical information, the subject site was first developed for residential purposes sometime in the late 1950's/early 1960's.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the subject site.

City of Ottawa Street Directories

As part of this assessment, the City of Ottawa street directories for the general area of the subject site were reviewed in approximate ten (10) year intervals, from 1953 to 2000. The directories indicated that the subject site and surrounding properties have been used primarily for residential and/or commercial purposes during the time period reviewed.

A summary of the potentially contaminating activities identified within the Phase I study area is provided below in Table 1:

Table 1: City Directories – PCAs Identified Within Phase I Study Area			
Address	Listed Activity (years listed)	Distance / Orientation from site	Area of Potential Environmental Concern (Y / N)
Hunt Club Road			
1434	Hunt Club Auto Sales & Service Garage (1970-2000)	65 m West	No
1438	Motor Medics (1970-2000)	45 m West	No
Bank Street			
2555	Hunt Club Honda (1990-2000)	170 m Southwest	No

Table 1: City Directories – PCAs Identified Within Phase I Study Area			
Address	Listed Activity (years listed)	Distance / Orientation from site	Area of Potential Environmental Concern (Y / N)
Sieveright Avenue			
1501	Scott Automotive Parts & Oilers (1990-2000)	140 m Southwest	No
1517	J+J Auto Service Co. (1980-1990)	Adjacent West	Yes
1521	Unnamed Automotive Body Shop (1980)	Adjacent West	Yes
1481	Aladdin Motors Sales Ltd. & Repairs (1980)	190 m Southwest	No

An auto sales lot was listed for the property addressed 1470 Hunt Club Road, located in the northern portion of the subject site. Based on a review of other historical sources, as well as on-site interviews, no auto maintenance has ever occurred on this property. As a result, the historical use of this property as an auto sales lot is not considered to pose an environmental concern to the subject site.

An auto service garage and an autobody shop were historically listed for the properties addressed 1517 and 1521 Sieveright Avenue, respectively. Due to their close proximity to the subject site, the historical use of these properties are considered to represent areas of potential environmental concern.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. The search did not identify any records of pollutant releases for the subject site or for any properties situated within the Phase I study area.

PCB Waste Storage Site Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. The search did not identify any current or former PCB waste storage sites situated within the Phase I study area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "*Municipal Coal Gasification Plant Site Inventory, 1991*" was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the subject site. A review of this document did not identify any former coal gasification plants located on the subject site or within the Phase I study area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "*Waste Disposal Site Inventory in Ontario, 1991*" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario. A review of this document did not identify any relevant records pertaining to the subject site or for properties located within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. No Records of Site Condition (RSCs) were filed for the subject site or for any properties situated within the Phase I study area.

OMNRF Areas of Natural Significance

A search for areas of natural and scientific interest situated within the Phase I study area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. The search did not identify any natural features of areas of natural significance within the Phase I study area.

City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, "*Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa*", was reviewed as part of this assessment. No former landfill sites were identified on the subject site or within the Phase I study area.

City of Ottawa Historical Land Use Inventory (HLUI) Database

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI 2005) database for any environmental records pertaining to the subject site as well as any properties situated within the Phase I study area.

A response from the City had not been received prior to the issuance of this report. A copy of the response will be forwarded to the client should it contain any pertinent information. A copy of the submission request has been included in Appendix 2.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated August 25, 2020, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in the appendix.

On-Site Records:

The ERIS report identified fourteen (14) records pertaining to the subject site. The majority of these records pertain to water wells installed on-site as well as several O. Reg. 347 Waste Generator Summaries for the property addressed 1525 Sieveright Avenue. The wastes described by the summary records include: paints, pigments, and coating residues; waste oils and lubricants; halogenated solvents; as well as oil skimmings and sludges. These wastes are likely attributed to the use of the property as an auto service garage, and thus, is considered to represent an APEC with respect to the subject site.

Off-Site Records:

The ERIS report identified one hundred and thirty-three (133) records pertaining to properties located within a 300 m radius of the subject site. These off-site records are listed for properties which are situated at a significant distance away, or are situated in a down-gradient or cross-gradient orientation, with respect to the subject site, and thus are not considered to pose an environmental concern to the property.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals, commencing with the earliest available photograph. Based on the review, the following observations have been made:

- 1965 *(City of Ottawa Website)* The subject site appears to be mostly vacant at this time, with the exception of two (2) residential dwellings present at 1452 and 1470 Hunt Club Road. The surrounding properties appear to consist of residential dwellings adjacent to Hunt Club Road, as well as a lumber mill to the east of the subject site.
- 1976 *(City of Ottawa Website)* The residence at 1460 Hunt Club Road, as well as the commercial building at 1525 Sieveright Avenue can be seen in this photograph. The majority of the ground surface on the properties addressed 1470 Hunt Club Road and 1531 Sieveright Avenue appear to have been reworked at this time. Several commercial and light industrial buildings can be seen to the west of the subject site.
- 1991 *(City of Ottawa Website)* Five (5) self-storage buildings can be seen on the subject property addressed 1531 Sieveright Avenue in this photograph. Additional commercial and light industrial buildings can be seen further to the west of the subject site at this time.
- 2002 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site. A residential neighbourhood can be seen to the south of the subject site, opposite Sieveright Avenue.
- 2011 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site. Residential neighbourhoods can be seen to the east and north of the subject site, opposite Hunt Club Road.
- 2017 *(City of Ottawa Website)* No significant changes are apparent with respect to the subject site or the surrounding properties. The subject site appears as it does today.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was reviewed as part of this assessment. Based on the available information, the bedrock in the area of the subject site consists of shale of the Carlsbad Formation, whereas the surficial geology consists of glaciofluvial deposits, with an overburden thickness ranging from approximately 15 m to 25 m.

Topographic Maps

A topographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The topographic map indicates that the general elevation of the subject site is approximately 90 m above sea level. The regional topography in the general area of the subject site slopes down towards the northwest. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A physiographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping information, the subject site is situated within the St. Lawrence Lowlands. According to the description provided: *“The lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.”* The subject site is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Water Bodies

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is Sawmill Creek, located approximately 500 m to the south.

MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250 m radius of the subject site was conducted as part of this assessment. The search identified twenty-one (21) well records within the Phase I study area. These records pertain to wells installed between 1955 and 2017 and used for domestic household, commercial, or groundwater observation purposes. Based on the availability of municipal services, drinking water wells are not expected to be in use within the Phase I study area.

Reportedly, three (3) groundwater observation wells were installed in 2010 around the perimeter of the building located at 1525 Sieveright Avenue. These wells could not be located on-site at the time of the current Phase I ESA site inspection.

According to the well records, the overburden stratigraphy in the area of the subject site generally consists of brown sand and gravel, underlain by grey silty clay. Bedrock, consisting of limestone and shale, was typically encountered at depths ranging from approximately 20 m to 30 m below ground surface.

Copies of the aforementioned well records have been included in Appendix 2.

5.0 PERSONAL INTERVIEWS

Mr. Francis Sulpher, a representative of the current property owner, was available at the time of the site inspection to respond to questions about the environmental history of the subject site.

According to Mr. Sulpher, the subject site was first developed for residential purposes sometime in the late 1950's and early 1960's. Other property parcels within the subject site were later developed in the 1970's and 1980's for commercial purposes. Mr. Sulpher stated that the former residential dwellings fronting Hunt Club Road have since been repurposed into commercial offices.

Mr. Sulpher was unaware of any potential environmental concerns associated with the subject site.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was conducted on August 25, 2020, between 9:00 AM and 11:00 AM. Weather conditions were sunny, with a temperature of approximately 20°C.

Mr. Nick Sullivan, from the Environmental Department of Paterson Group, conducted the inspection. In addition to the subject site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

6.2 Site Inspection Observations

Site Description

The subject site consists of a composition of multiple individual properties, each used for various commercial purposes.

The properties addressed 1452, 1460, and 1470 Hunt Club Road, located in the northern portion of the subject site, contain residential dwellings which have since been repurposed into commercial offices. These properties also contain an auto service garage, a storage warehouse, as well as an auto sales lot. The properties addressed 1525, 1531, and 1545 Sieveright Avenue, located in the southern portion of the subject site, contain a multi-tenant commercial building as well as a self-storage facility.

The ground surface throughout the subject site consists of either asphaltic concrete, gravel, and/or grassy landscaped areas. The site topography is relatively flat, whereas the regional topography appears to slope gradually down to the north, towards Hunt Club Road.

Water drainage on the subject site occurs primarily via infiltration in the landscaped areas, as well as via surface run-off towards catch basins located the adjacent roads. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the subject site at time of the site inspection.

A depiction of the subject site is illustrated on Drawing PE5015-1 – Site Plan, in the Figures section of this report.

Existing Buildings and Structures

There are a total of eleven (11) buildings situated on the individual properties encompassed by the subject site. Each building is described as follows:

1452 Hunt Club Road

This property is currently occupied with a one (1) storey residential dwelling (currently converted for office purposes), with one (1) basement level. Built sometime in the late 1950's or early 1960's, the former residence is constructed with a wood frame and poured concrete foundation and is finished on the exterior with brick and stone as well as a sloped shingled roof. The building is currently heated via one (1) natural gas-fired furnace, located in the basement.

This property also contains a one (1) storey, slab-on-grade, auto service garage, located at the rear of the property. Built sometime within the last two (2) years, the auto service garage is constructed with a wood frame and is finished on the exterior with metal siding and a sloped metal roof. The auto service garage is currently heated via one (1) oil-fired suspended heater unit, located within the single maintenance bay.

1460 Hunt Club Road

This property is currently occupied with a one (1) storey residential dwelling (currently converted for office purposes), with one (1) basement level. Built sometime in the late 1960's or early 1970's, the former residence is constructed with a wood frame and poured concrete foundation and is finished on the exterior with brick as well as a sloped shingled roof. The building is currently heated via one (1) natural gas-fired furnace, located in the basement.

This property also contains a one (1) storey, slab-on-grade warehouse storage building, located at the rear of the property. Built in 2008, the warehouse is constructed with a steel frame and is finished on the exterior with metal siding as well as a sloped metal roof. The building does not currently contain any heating equipment.

1470 Hunt Club Road

This property is currently occupied with a one (1) storey residential dwelling (currently converted for office purposes), with one (1) basement level. Built sometime in the late 1950's or early 1960's, the former residence is constructed with a wood frame and concrete block foundation and is finished on the exterior with stone and a sloped shingled roof. The building is currently heated via one (1) natural gas-fired furnace, located in the basement.

1525 Sieveright Avenue

This property is currently occupied with a one (1) storey, slab-on-grade, multi-tenant commercial building, with a partial second floor at the front of the building. Built sometime in the early 1980's, the commercial building is finished on the exterior with brick, concrete block, and metal siding, as well as a flat tar-and-gravel style roof. The building is currently heated via a natural gas-fired rooftop HVAC unit. The building is currently utilized for commercial office purposes, as well as an auto service garage, and a graphic signage designer.

1531 Sieveright Avenue

This property is currently occupied with five (5), one (1) storey, slab-on-grade self-storage unit buildings. Built sometime in the 1980's, the self-storage buildings are constructed with wood frames and finished on the exterior with vinyl siding and sloped shingled roofs. The buildings have never contained any heating equipment.

Underground Utilities

Underground service locates were completed as part of a Phase II ESA investigation conducted for the subject site in tandem with this assessment. According to the locates, underground gas, electrical, water, and sewer pipes are present on the subject site.

Potential Environmental Concerns

Fuels and Chemical Storage

One (1) aboveground fuel oil storage tank was observed at the rear of the auto service garage at the property addressed 1452 Hunt Club Road. The tank was noted to contain a capacity of 900-1,000 L of fuel oil and was situated on a concrete pad base. The tank was observed to be in good condition, with no signs of leaks or stains observed at the time of the site inspection. The presence of this AST is considered to represent an area of potential environmental concern with respect to the subject site.

No chemical storage areas or signs of underground storage tanks (USTs) were observed on the exterior of the subject site at the time of the site inspection.

Hazardous Materials and Unidentified Substances

No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the exterior of the subject site at the time of the site inspection, with one (1) exception. A small patch of dark surficial staining was observed in the vicinity of an empty decommissioned aboveground fuel storage tank, located at the rear of 1460 Hunt Club Road, adjacent to the warehouse building. This surficial staining is considered to represent an area of potential environmental concern with respect to the subject site.

Waste Management

Solid, non-hazardous domestic waste and recyclable products are stored in plastic and metal bins on the exterior of the subject site and are collected by licensed contractors on a regular basis. No environmental concerns were identified with respect to waste management practices on the subject site.

Transformer Oil and Polychlorinated Biphenyls (PCBs)

No sources of PCBs were identified on the exterior of the subject site at the time of the site inspection.

Fill Material

Based on a review of historical aerial photos, as well as observations made at the time of the site inspection, majority of the subject site contains imported fill material spread across the ground surface. Due to its unknown quality, the presence of this fill material is considered to represent an area of potential environmental concern with respect to the subject site.

Road Salt Storage

A small temporary storage tent, used for storing road salt and related equipment, was observed in the rear storage yard of the property addressed 1470 Hunt Club Road. A pile of salt was observed to be stored on the gravel ground surface within the storage tent. The use of this storage tent for the storage of road salt is considered to result in an area of potential environmental concern with respect to the subject site.

Interior Assessment

A general description of the interiors of the buildings on-site are described as follows:

1452 Hunt Club Road (Former Residence)

- Access to the interior of this building was not available at the time of the site inspection.

1452 Hunt Club Road (Auto Service Garage)

- The floors consist of poured concrete;
- The walls consist of drywall;
- The ceilings consist of drywall;
- Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

1460 Hunt Club Road (Former Residence)

- The floors consist of linoleum flooring, laminate flooring, vinyl floor tiles, and poured concrete (basement);
- The walls consist of drywall;
- The ceilings consist of drywall and plaster;
- Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

1460 Hunt Club Road (Warehouse)

- The floors consist of poured concrete;
- The walls consist of drywall;
- The ceilings consist of steel decking;
- Lighting throughout the building is provided by incandescent and halogen light fixtures.

1470 Hunt Club Road (Auto Dealership)

- The floors consist of poured ceramic tiles, laminate flooring, and poured concrete (basement);
- The walls consist of drywall;
- The ceilings consist of stipple plaster;
- Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

1525 Sieveright Avenue (Commercial Building & Auto Garage)

- The floors consist of poured ceramic tiles, laminate flooring, and poured concrete (basement);
- The walls consist of drywall;
- The ceilings consist of stipple plaster;
- Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

Potentially Hazardous Building Products

Polychlorinated Biphenyls (PCBs) and Transformer Oil

No sources of PCBs were identified within the interior of the subject buildings at the time of the site inspection.

Asbestos-Containing Materials (ACMs)

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), asbestos containing building materials (ACMs) may be potentially present within the structures. The potential ACMs identified at time of the site inspection include the following:

1452 Hunt Club Road: Access to this building was not available at the time of the site inspection.

1460 Hunt Club Road: linoleum flooring, plaster ceilings, drywall joint compound, and vinyl floor tiles.

1470 Hunt Club Road: stipple plaster ceiling, drywall joint compound.

1525 Sieveright Avenue: drywall joint compound.

These building materials were generally observed to be in good condition at the time of the site inspection and do not pose any immediate concern to the occupants of the buildings.

Lead-Based Paint

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within these buildings were generally observed to be in good condition and do not pose any immediate concern to the occupants of the buildings.

Urea Formaldehyde Foam Insulation (UFFI)

UFFI was not observed at the time of the site inspection, however, wall cavities were not inspected for insulation type.

Other Potential Environmental Concerns

Interior Fuel and Chemical Storage

One (1) plastic waste oil container, with a capacity of approximately 1,000 litres, was observed within the maintenance bay of the auto service garage at the property addressed 1525 Sieveright Avenue. The container was noted to be in good condition, with no signs of leaks or stains observed at the time of the site inspection. The underlying poured concrete floor was also noted to be in good condition, with no drains, cracks, or holes visible. This waste oil container is not considered to pose an environmental concern to the subject site.

Vent and fill pipes were observed to be protruding from the east wall of the former residential dwelling at 1460 Hunt Club Road. These pipes were determined to connect to an aboveground fuel oil tank, located in the basement. The tank was noted to be empty and no longer in use, due to the building's conversion to natural gas heating. The tank was noted to be in good condition, with no signs of leaks or stains observed at the time of the site inspection. The presence of this fuel oil tank is considered to represent an area of potential environmental concern with respect to the subject site.

Chemical products observed inside the subject buildings was observed to be limited to domestically available oils, lubricants, greases, and cleaning products, stored in their original containers. No environmental concerns were identified with respect to chemical storage practices on the subject site.

Wastewater Discharges

Wastewater from the subject buildings (wash water and sewage) is discharged into the City of Ottawa sanitary sewer system. Roof drainage is discharged into the gravel and asphaltic concrete areas of the subject site via infiltration or into the City of Ottawa storm water system via surface runoff. No concerns were noted with respect to wastewater discharge on the subject site.

Sump Pits and Floor Drains

Sump pits were observed within the basements of the former residential dwellings at 1460 and 1470 Hunt Club Road. The water observed within the pits appeared to be clear and odourless at the time of the site inspection.

Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on site include fire extinguishers, refrigerators, and air conditioner units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

Neighbouring Properties

Land use adjacent to the subject site was observed as follows:

North: Hunt Club Road, followed by residential dwellings;

South: Sieveright Avenue, followed by residential dwellings;

East: Residential dwellings, followed by Issam Private.

West: Commercial retail buildings.

Several properties to the west of the subject site were observed to contain automotive dealerships and/or service garages, however, based on their separation distances and/or cross-gradient orientation, these properties are not considered to pose an environmental concern to the subject site.

Current land use adjacent to the subject site is illustrated on Drawing PE5015-2 – Surrounding Land Use Plan, appended to this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the subject site was first developed for residential purposes sometime in the late 1950's/early 1960's.

Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, nine (9) PCAs, resulting in APECs, were identified as pertaining to the subject site. These APECs include:

- Fill material of unknown quality, located throughout the subject site;
- An auto service garage, located at 1525 Sieveright Avenue and situated in the southwestern portion of the subject site;
- An auto service garage, located at 1452 Hunt Club Road and situated in the northwestern portion of the subject site;
- An area of surficial staining in the vicinity of an empty aboveground fuel storage tank, located at 1460 Hunt Club Road and situated in the northwestern portion of the subject site;
- An aboveground fuel oil storage tank, located at the rear of the auto service garage at 1452 Hunt Club Road, and situated in the northwestern portion of the subject site;
- An empty aboveground fuel oil storage tank, located in the basement of the former residential dwelling at 1460 Hunt Club Road and situated in the northwestern portion of the subject site;
- A road salt storage tent, located at 1470 Hunt Club Road and situated within the central portion of the subject site;
- A former autobody shop, located at 1521 Sieveright Avenue and situated adjacent to the southwestern portion of the subject site;
- A former auto service garage, located at 1517 Sieveright Avenue, and situated adjacent to the western portion of the subject site.

Other off-site PCAs were identified within the Phase I study area but were deemed not to be of concern based on their separation distances as well as their down-gradient or cross-gradient orientations.

Areas of Potential Environmental Concern (APECs)

The areas of potential environmental concern identified in this Phase I ESA are summarized below in Table 2:

Table 2					
Areas of Potential Environmental Concern					
APEC	Location of APEC	PCA (O. Reg. 153/04 – Table 2)	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Fill Material of Unknown Quality	Throughout subject site	<i>“Item 30: Importation of Fill Material of Unknown Quality”</i>	On-Site	BTEX PHCs (F ₁ -F ₄) PAHs Metals	Soil/Fill
APEC #2 Auto Service Garage	Southwestern portion of subject site	<i>“Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems”</i>	On-Site	VOCs PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #3 Auto Service Garage	Northwestern portion of subject site		On-Site	VOCs PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #4 Surficial Staining in Vicinity of Empty Aboveground Fuel Storage Tank	Northwestern portion of subject site		On-Site	BTEX PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #5 Aboveground Fuel Oil Storage Tank	Northwestern portion of subject site	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	On-Site	BTEX PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #6 Empty Aboveground Fuel Storage Tank	Northwestern portion of subject site		On-Site	BTEX PHCs (F ₁ -F ₄)	Soil and/or Groundwater
APEC #7	Central portion of subject site	<i>“Item 48: Salt Manufacturing, Processing and Bulk Storage”</i>	On-Site	EC SAR Sodium Chlorides	Soil or Groundwater
APEC #8 Former Autobody Shop	Southwestern portion of subject site	<i>“Item 10: Commercial Autobody Shops”</i>	Adjacent West	VOCs PHCs (F ₁ -F ₄)	Groundwater
APEC #9 Former Auto Garage	Western portion of subject site	<i>“Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems”</i>	Adjacent West	VOCs PHCs (F ₁ -F ₄)	Groundwater

Contaminants of Potential Concern (CPCs)

As noted above in Table 2, the contaminants of potential concern (CPCs) associated with the aforementioned APECs are considered to be:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons, fractions 1 - 4 (PHCs F₁-F₄);
- Polycyclic Aromatic Hydrocarbons (PAHs);
- Metals (including Mercury, Hexavalent Chromium);
- Sodium;
- Electrical Conductivity (EC);
- Sodium Adsorption Ratio (SAR);
- Inorganics (Chlorides).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the subject site.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the available information, the bedrock in the area of the subject site consists of shale of the Carlsbad Formation, whereas the surficial geology consists of glaciofluvial deposits, with an overburden thickness ranging from approximately 15 m to 25 m.

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

Water Bodies

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is Sawmill Creek, located approximately 500 m to the south.

Areas of Natural Significance

No areas of natural significance were identified on the subject site or within the Phase I study area.

Existing Buildings and Structures

The subject site is current occupied with two (2) auto service garages, five (5) self-storage buildings, three (3) commercial office buildings, a warehouse storage building, as well as multiple storage sheds.

Drinking Water Wells

Based on the availability of municipal services, no drinking water wells are expected to be present within the Phase I study area.

Neighbouring Land Use

Neighbouring land use within the Phase I study area consists mainly of residential and commercial properties. Several properties to the west of the subject site were observed to contain automotive dealerships and/or service garages, however, based on their separation distances and/or cross-gradient orientation, these properties are not considered to pose an environmental concern to the subject site.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of this Phase I ESA, nine (9) PCAs, resulting in APECs, were identified as pertaining to the subject site. These APECs include:

- Fill material of unknown quality, located throughout the subject site;
- An auto service garage, located at 1525 Sieveright Avenue and situated in the southwestern portion of the subject site;
- An auto service garage, located at 1452 Hunt Club Road and situated in the northwestern portion of the subject site;
- An area of surficial staining in the vicinity of an empty aboveground fuel storage tank, located at 1460 Hunt Club Road and situated in the northwestern portion of the subject site;
- An aboveground fuel oil storage tank, located at the rear of the auto service garage at 1452 Hunt Club Road, and situated in the northwestern portion of the subject site;
- An empty aboveground fuel oil storage tank, located in the basement of the former residential dwelling at 1460 Hunt Club Road and situated in the northwestern portion of the subject site;

- A road salt storage tent, located at 1470 Hunt Club Road and situated within the central portion of the subject site;
- A former autobody shop, located at 1521 Sieveright Avenue and situated adjacent to the southwestern portion of the subject site;
- A former auto service garage, located at 1517 Sieveright Avenue, and situated adjacent to the western portion of the subject site.

Other off-site PCAs were identified within the Phase I study area but were deemed not to be of concern based on their separation distances as well as their down-gradient or cross-gradient orientations.

Contaminants of Potential Concern

The contaminants of potential concern (CPCs) associated with the aforementioned APECs are considered to be:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons, fractions 1 - 4 (PHCs F₁-F₄);
- Polycyclic Aromatic Hydrocarbons (PAHs);
- Metals (including Mercury, Hexavalent Chromium, and Sodium);
- Sodium;
- Electrical Conductivity (EC);
- Sodium Adsorption Ratio (SAR);
- Inorganics (Chlorides).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the subject site.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are PCAs and APECs associated with the subject site. The presence of these PCAs were confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSION

8.1 Assessment

Paterson Group was retained by DCR Phoenix Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for the properties addressed 1452-1470 Hunt Club Road and 1525-1545 Sieveright Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site was first developed with residential dwellings sometime in the late 1950's or early 1960's. Other property parcels which comprise the subject site were later developed for commercial purposes in the 1970's and 1980's. Based on a review of historical aerial photographs, fill material appears to have been imported onto the subject site. The presence of this fill material is considered to represent an APEC with respect to the subject site.

The neighbouring lands in the vicinity of the subject site have historically been used for residential and commercial purposes. An auto service garage and an autobody shop were historically listed in the 1980's for the properties addressed 1517 and 1521 Sieveright Avenue, respectively. Due to their close proximity to the subject site, the historical use of these properties are considered to represent areas of potential environmental concern. The historical use of the remaining properties in the vicinity of the subject site are not considered to pose an environmental concern, based on their separation distances and/or cross-gradient orientations.

Following the historical review, a site inspection was conducted to assess the present-day environmental conditions of the subject site. The properties addressed 1452, 1460, and 1470 Hunt Club Road, located in the northern portion of the subject site, contain residential dwellings which have since been repurposed and converted into commercial offices. These properties also contain an auto service garage, a storage warehouse, as well as an auto sales lot. The properties addressed 1525, 1531, and 1545 Sieveright Avenue, located in the southern portion of the subject site, contain a multi-tenant commercial building and auto service garage, as well as a self-storage facility. The presence of the two (2) auto service garages are considered to represent areas of potential environmental concern with respect to the subject site.

A small patch of dark surficial staining was observed in the vicinity of an empty decommissioned aboveground fuel storage tank, located at the rear of 1460 Hunt Club Road, adjacent to a storage warehouse building. This surficial staining is considered to represent an area of potential environmental concern with respect to the subject site.

A small temporary storage tent, used for storing road salt, was observed within the rear storage yard of the property addressed 1470 Hunt Club Road. A pile of salt was observed to be stored on the gravel ground surface within the storage tent. The use of this storage tent for the storage of road salt is considered to result in an area of potential environmental concern with respect to the subject site.

Two (2) aboveground fuel oil storage tanks were identified on the subject site at the time of the site inspection. One of the ASTs was identified at the rear of the auto service garage located at 1452 Hunt Club Road and was observed to be actively in use. The other AST was identified in the basement of the former residence at 1460 Hunt Club Road and was observed to be empty and no longer in use. The presence of these two (2) ASTs are considered to represent areas of potential environmental concern with respect to the subject site.

The neighbouring lands within the vicinity of the subject site were generally observed to be used for residential and commercial purposes. Several properties to the west of the subject site were observed to contain automotive sales lots and/or service garages, however, based on their separation distances and/or cross-gradient orientation, these properties are not considered to pose an environmental concern to the subject site.

8.2 Recommendations

Based on the findings of this Phase I ESA, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the subject site in order to support the filing of a Record of Site Condition.**

Hazardous Building Materials

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), asbestos containing building materials (ACMs) may be potentially present within the structures. The potential ACMs identified at time of the site inspection include the following:

1452 Hunt Club Road: Access to this building was not available at the time of the site inspection. An inspection and sampling for potential ACMs within this building should be completed in conjunction with an asbestos survey for the remaining buildings on-site.

1460 Hunt Club Road: linoleum flooring, plaster ceilings, drywall joint compound, and vinyl floor tiles.

1470 Hunt Club Road: stipple plaster ceiling, drywall joint compound.

1525 Sieveright Avenue: drywall joint compound.

These building materials were generally observed to be in good condition at the time of the site inspection and do not pose any immediate concern to the occupants of the buildings. An asbestos survey of these buildings should be conducted in accordance with O.Reg. 278/05, under the Occupational Health and Safety Act, prior to any renovation or demolition activities, if one has not already been conducted.

Based on the age of the three (3) former residential dwellings at 1452, 1460, and 1470 Hunt Club Road (1950's/1960's), as well as the age of the multi-tenant commercial building at 1525 Sieveright Avenue (1970's), lead-based paints may be present, on any original or older painted surfaces. The painted surfaces within these buildings were generally observed to be in good condition and do not pose any immediate concern to the occupants of the buildings. Major work involving lead-based paint or other lead containing products must be done in accordance with O.Reg. 843, under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

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

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

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

Paterson Group Inc.



Nick Sullivan, B.Sc.



Mark S. D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- DCR Phoenix Group
- Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

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

Municipal Records

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

Local Information Sources

- Personal Interviews.

Public Information Sources

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5015-1 – SITE PLAN

DRAWING PE5015-2 – SURROUNDING LAND USE PLAN

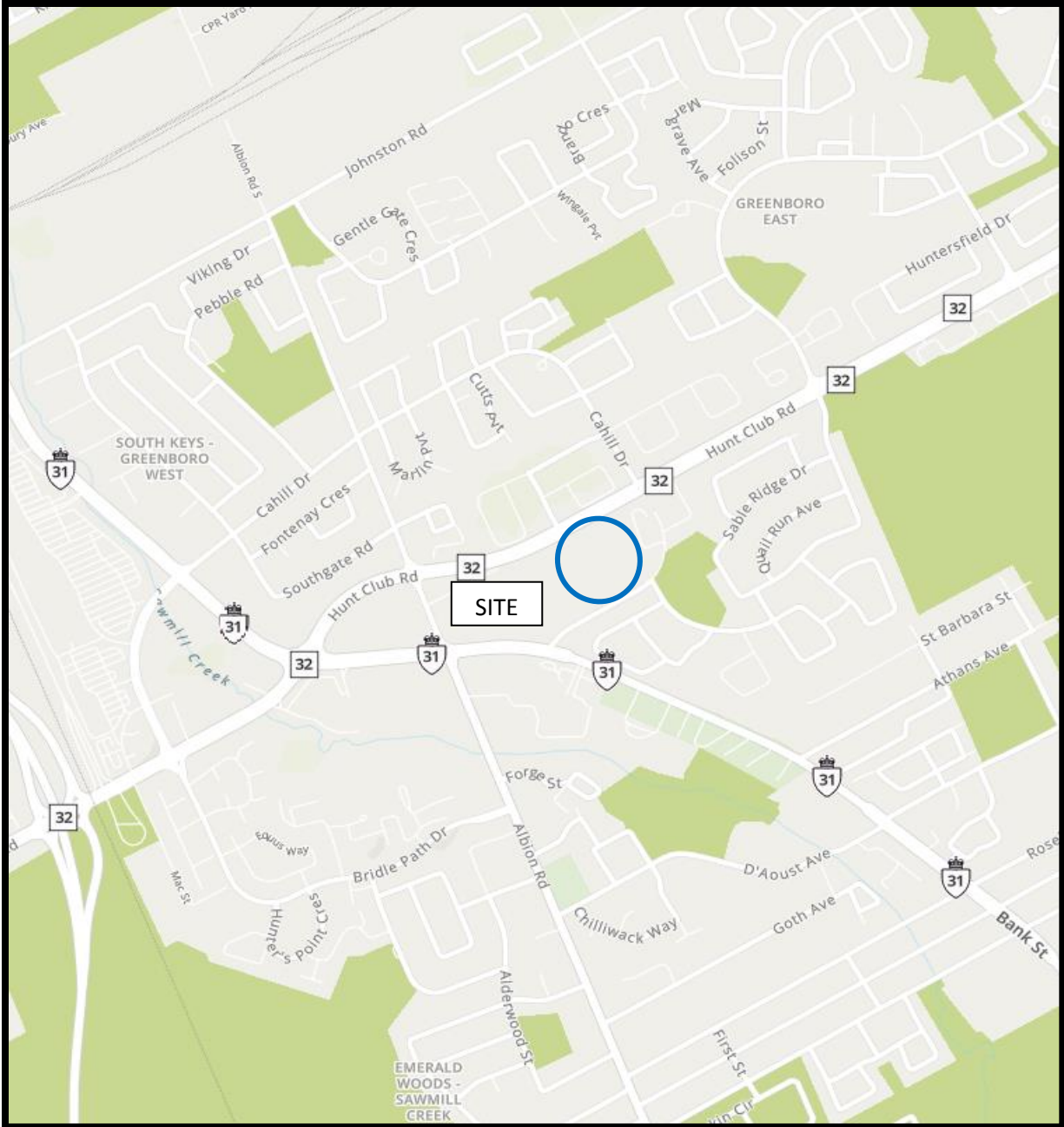


FIGURE 1
KEY PLAN

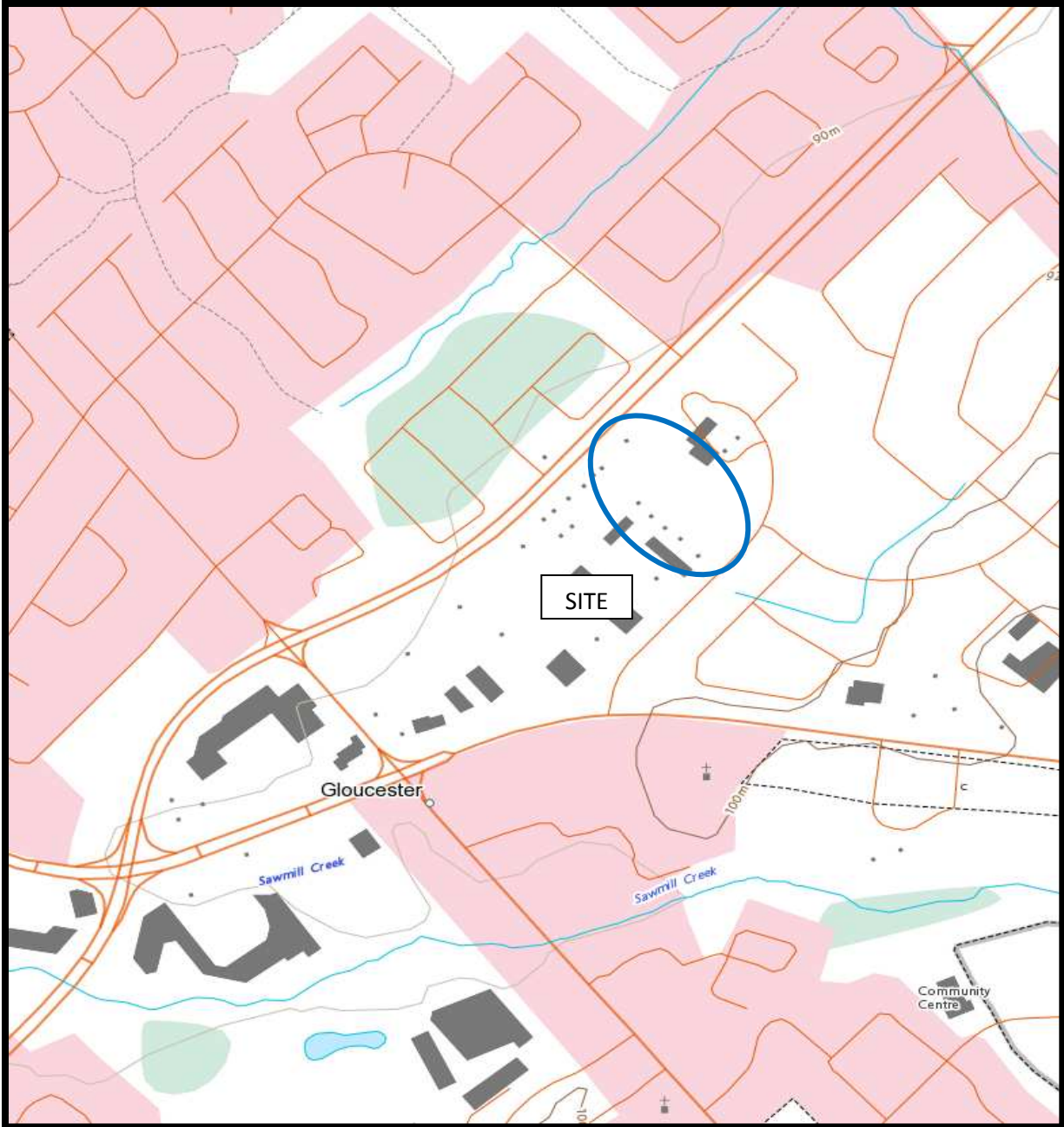
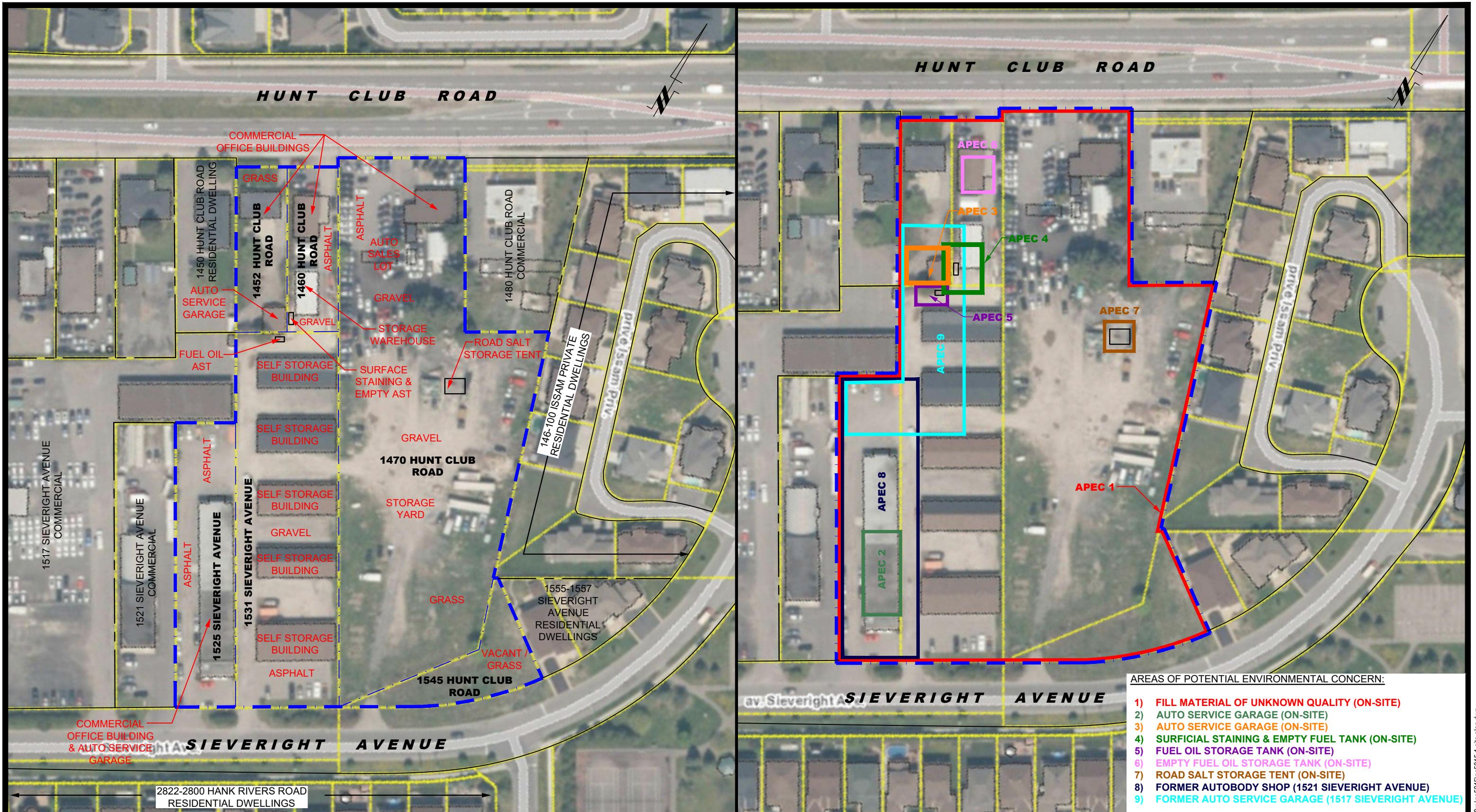


FIGURE 2
TOPOGRAPHIC MAP



- AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:
- 1) FILL MATERIAL OF UNKNOWN QUALITY (ON-SITE)
 - 2) AUTO SERVICE GARAGE (ON-SITE)
 - 3) AUTO SERVICE GARAGE (ON-SITE)
 - 4) SURFICIAL STAINING & EMPTY FUEL TANK (ON-SITE)
 - 5) FUEL OIL STORAGE TANK (ON-SITE)
 - 6) EMPTY FUEL OIL STORAGE TANK (ON-SITE)
 - 7) ROAD SALT STORAGE TENT (ON-SITE)
 - 8) FORMER AUTOBODY SHOP (1521 SIEVERIGHT AVENUE)
 - 9) FORMER AUTO SERVICE GARAGE (1517 SIEVERIGHT AVENUE)

patersongroup
consulting engineers

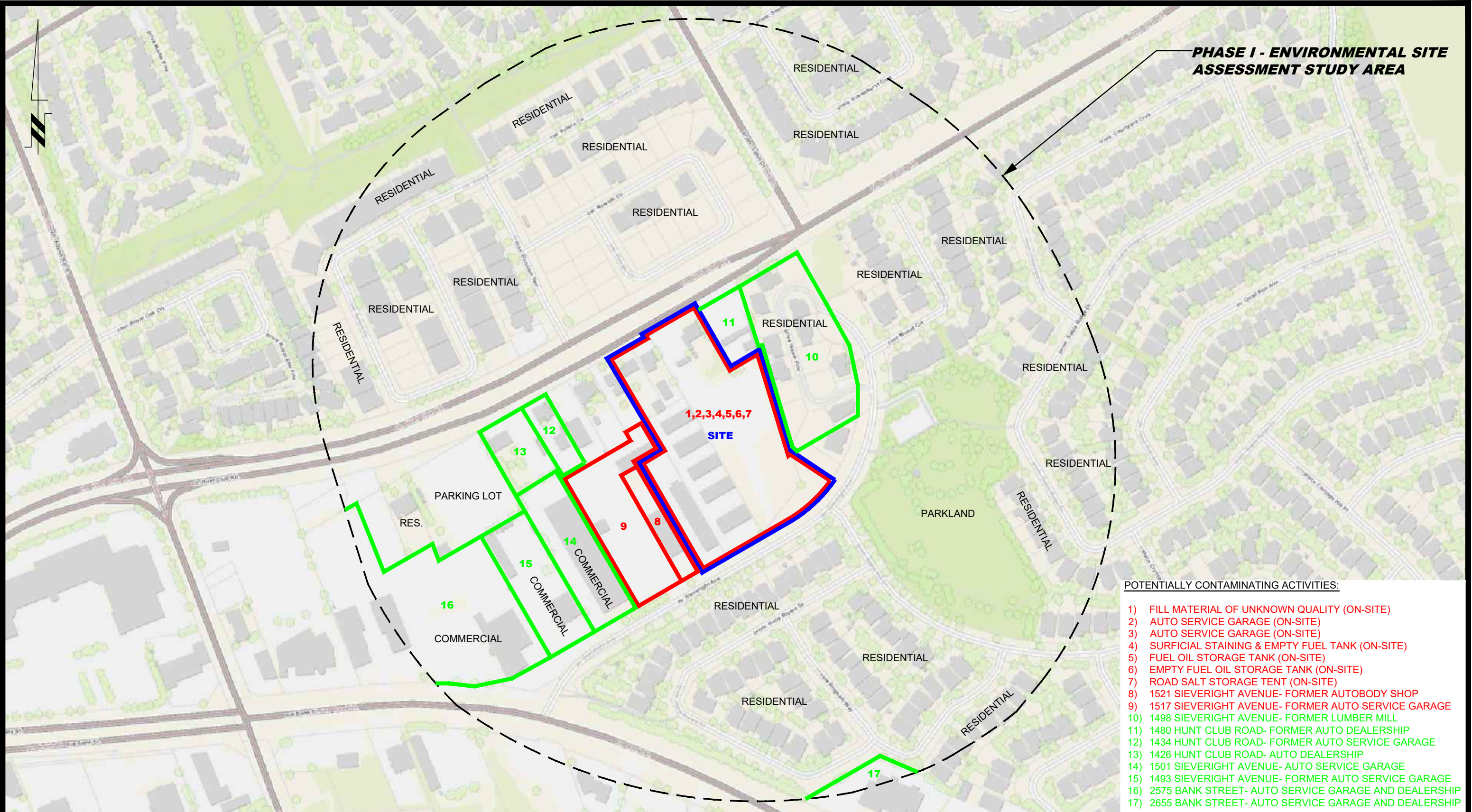
154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

DCR PHOENIX GROUP
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1452-1470 HUNT CLUB ROAD & 1525-1545 SIEVERIGHT AVENUE
OTTAWA, ONTARIO
Title: **SITE PLAN**

Scale:	1:1250	Date:	09/2020
Drawn by:	YA	Report No.:	PE5015-1
Checked by:	NS	Dwg. No.:	PE5015-1
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe5015\pe5015-1-site plan.dwg



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

- POTENTIALLY CONTAMINATING ACTIVITIES:**
- 1) FILL MATERIAL OF UNKNOWN QUALITY (ON-SITE)
 - 2) AUTO SERVICE GARAGE (ON-SITE)
 - 3) AUTO SERVICE GARAGE (ON-SITE)
 - 4) SURFICIAL STAINING & EMPTY FUEL TANK (ON-SITE)
 - 5) FUEL OIL STORAGE TANK (ON-SITE)
 - 6) EMPTY FUEL OIL STORAGE TANK (ON-SITE)
 - 7) ROAD SALT STORAGE TENT (ON-SITE)
 - 8) 1521 SIEVERIGHT AVENUE- FORMER AUTOBODY SHOP
 - 9) 1517 SIEVERIGHT AVENUE- FORMER AUTO SERVICE GARAGE
 - 10) 1498 SIEVERIGHT AVENUE- FORMER LUMBER MILL
 - 11) 1480 HUNT CLUB ROAD- FORMER AUTO DEALERSHIP
 - 12) 1434 HUNT CLUB ROAD- FORMER AUTO SERVICE GARAGE
 - 13) 1426 HUNT CLUB ROAD- AUTO DEALERSHIP
 - 14) 1501 SIEVERIGHT AVENUE- AUTO SERVICE GARAGE
 - 15) 1493 SIEVERIGHT AVENUE- FORMER AUTO SERVICE GARAGE
 - 16) 2575 BANK STREET- AUTO SERVICE GARAGE AND DEALERSHIP
 - 17) 2655 BANK STREET- AUTO SERVICE GARAGE AND DEALERSHIP

patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

DCR PHOENIX GROUP
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1452-1470 HUNT CLUB ROAD & 1525-1545 SIEVERIGHT AVENUE
OTTAWA, ONTARIO

SURROUNDING LAND USE PLAN

Scale:	1:3000	Date:	09/2020
Drawn by:	YA	Report No.:	PE5015-1
Checked by:	NS	Dwg. No.:	PE5015-2
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe5015\pe5015-2-surrounding land use plan.dwg

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1965



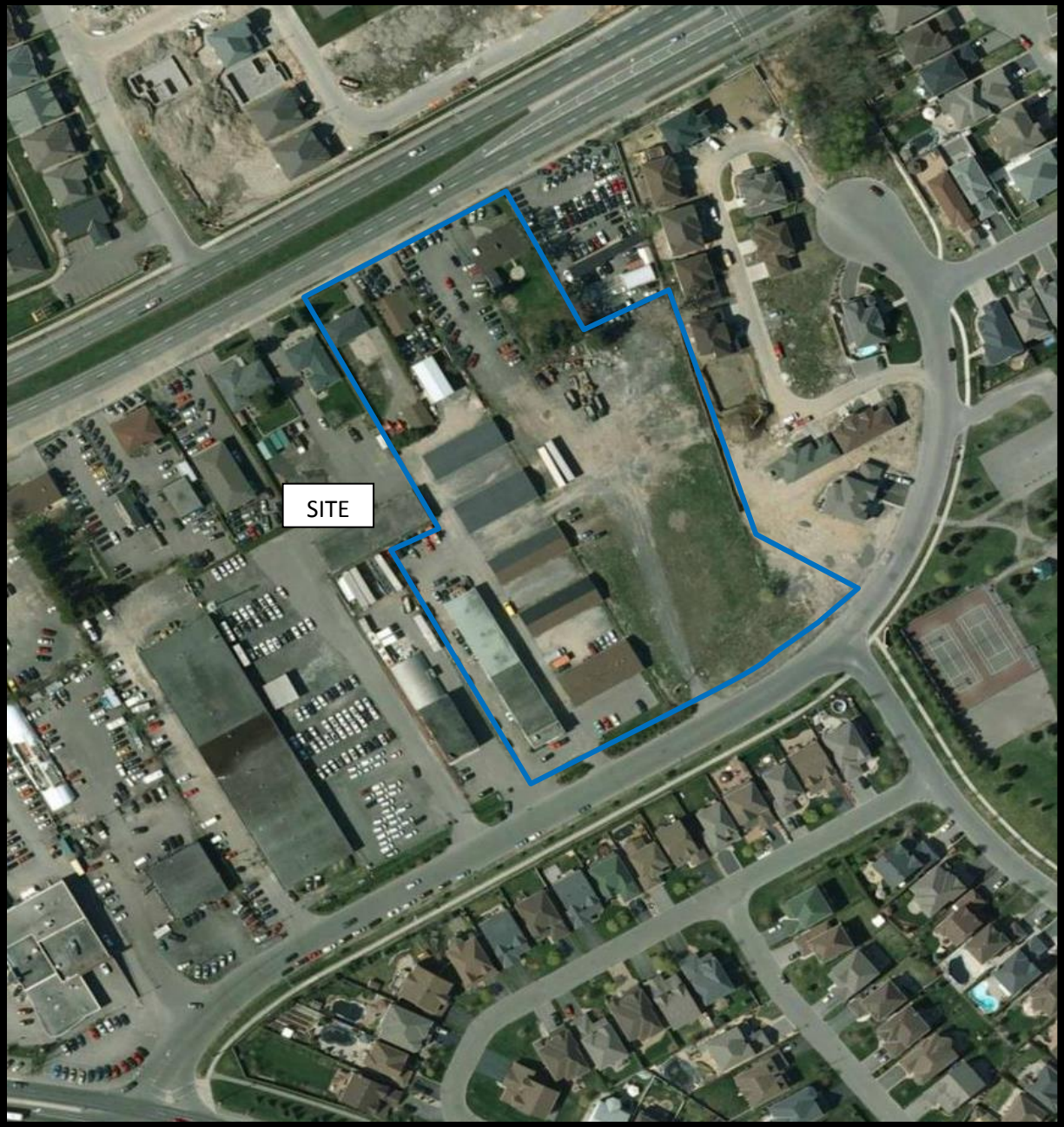
AERIAL PHOTOGRAPH
1976



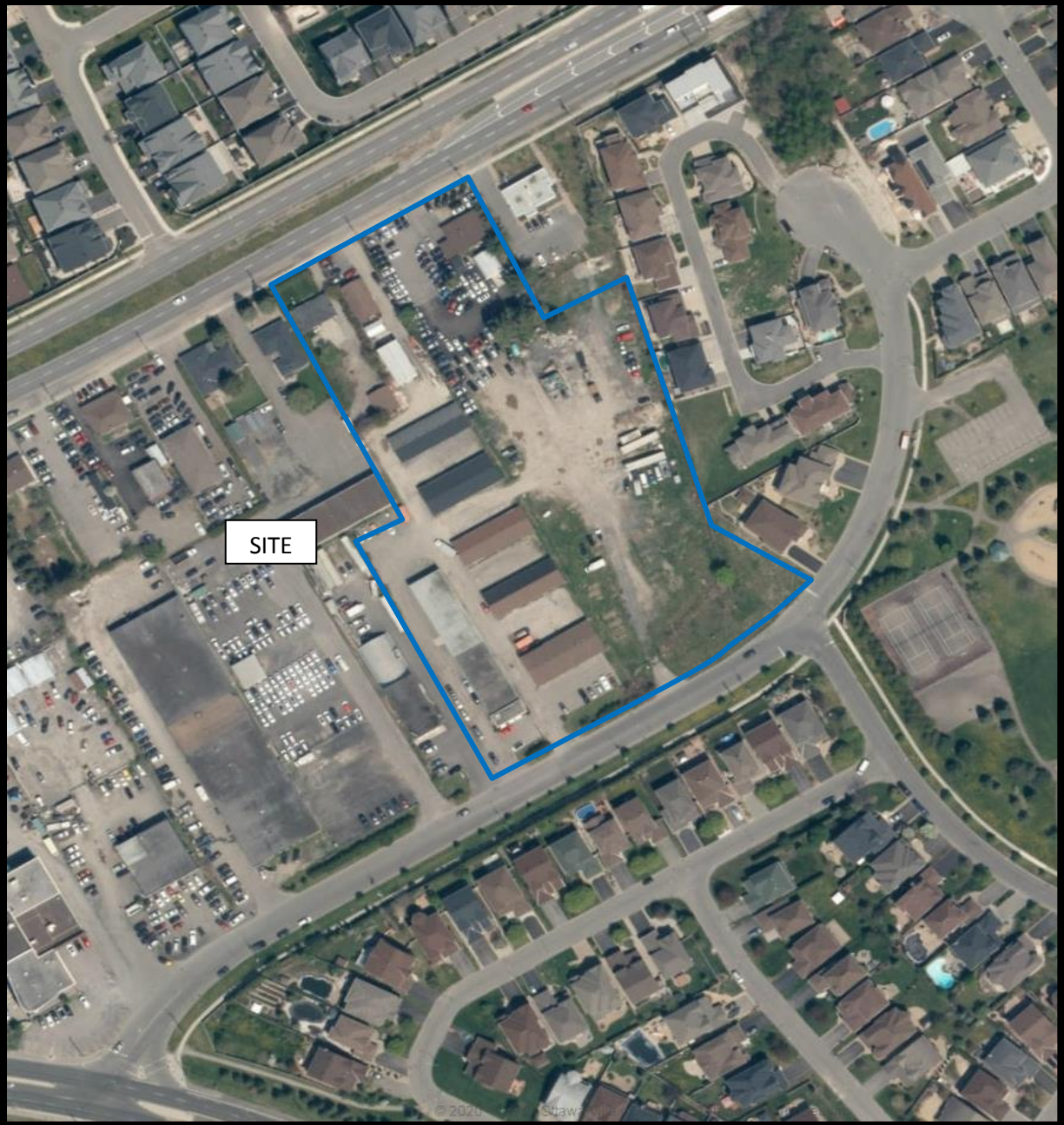
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2017

Site Photographs

PE5015

1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue
Ottawa, Ontario

August 25, 2020



Photograph 1: View of the southern portion of the subject site, facing north from Sieveright Avenue.



Photograph 2: View of the northern portion of the subject site, facing north from the central yard of 1470 Hunt Club Road.

Site Photographs

PE5015

1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue
Ottawa, Ontario

August 25, 2020



Photograph 3: View of the southern portion of the subject site, facing south from the central yard of 1470 Hunt Club Road.



Photograph 4: View of a road salt storage tent, located within the central yard of 1470 Hunt Club Road.

Site Photographs

PE5015

1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue
Ottawa, Ontario

August 25, 2020



Photograph 5: View of a fuel oil AST, located at the rear of the auto service garage at 1452 Hunt Club Road.



Photograph 6: View of an area of surficial staining, located at the rear of 1460 Hunt Club Road.

APPENDIX 2

MECP WATER WELL RECORDS

CITY OF OTTAWA HLUI REQUEST FORM

ERIS DATABASE REPORT

UTM 18Z 4498710E

15 No 1848

5R 50222210N



Elev 413310

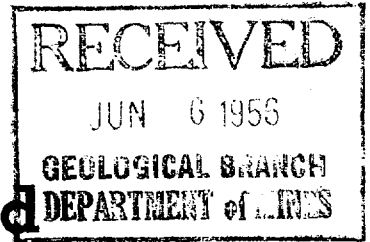
The Water-well Drillers Act, 1954

Basin 125

Department of Mines

Lot 6

Water-Well Record



K

County or Territorial District Carleton Township, Village, Town or City Gloucester
 Con. 4RP Lot 6 Street and Number (if in Village, Town or City)
 Owner Gloucester Presbytery Church Address Billing Bridge
 Date completed 2 July 56
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

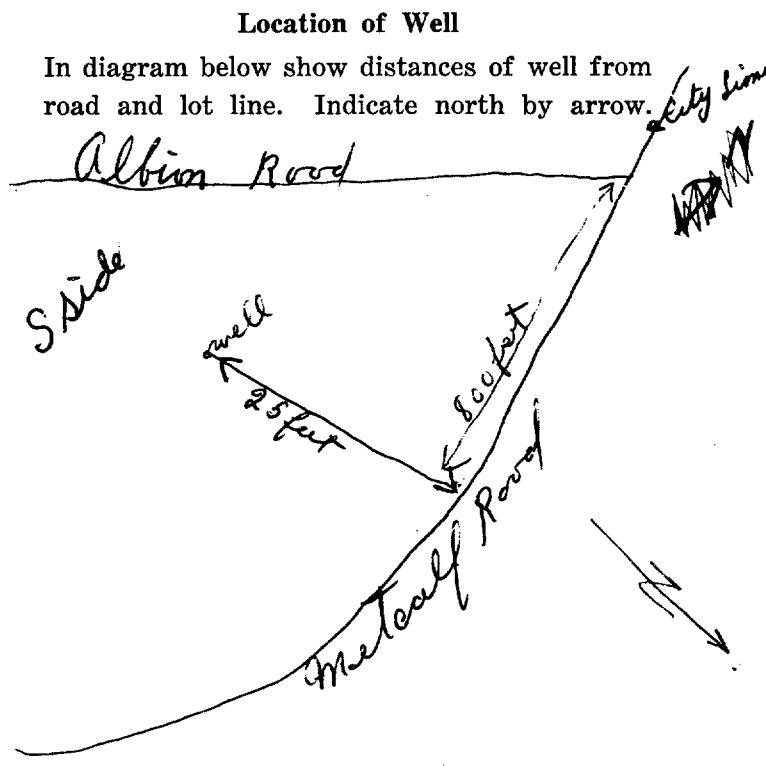
Casing diameter (s) 4 Static level 3.2 feet
 Length (s) 119-9 feet Pumping rate 1.58 gal PH
 Type of screen Pumping level 4.2
 Length of screen Duration of test 1/2 hr

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Sand Gravel</u>	<u>0</u>	<u>46</u>			
<u>Blue Clay</u>	<u>46</u>	<u>58</u>	<u>130-136</u>	<u>104</u>	<u>fresh</u>
<u>Sand Gravel - hard pan</u>	<u>58</u>	<u>119-9</u>			
<u>Black Shale bed Rock</u>	<u>119-9</u>	<u>136</u>			

For what purpose(s) is the water to be used? public use
 Is water clear or cloudy? Clear
 Is well on upland, in valley, or on hillside? hill side
 Drilling firm James Kettles
 Address Ramsayville
 Name of Driller
 Address
 Licence Number 637
 I certify that the foregoing statements of fact are true.
 Date James Kettles
 Signature of Licensee



310/56. "A"



UTM 18Z 4498015E

15 No 1852

5R 50223010N

The Ontario Water Resources Commission Act

Elev: 4R 0308

WATER WELL RECORD

Basin 215 | L1 Carl
County or District

Township, Village, Town or City Lybriester

Con. 1V RF Lot 6

Date completed 29 Oct 1965
(day month year)

Owner Del Zotto Bros Ltd
(print in block letters)

Address Box 931 RR#1 Ottawa

Casing and Screen Record

Pumping Test

Inside diameter of casing 6 5/8
Total length of casing 93'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 6 5/8

Static level 25'
Test-pumping rate 10 G.P.M.
Pumping level 35'
Duration of test pumping 1 hr
Water clear or cloudy at end of test cloudy
Recommended pumping rate 5 G.P.M.
with pump setting of 60 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

From ft.

To ft.

Depth(s) at which water(s) found

Kind of water (fresh, salty, sulphur)

sand
clay
sand
gravel

0'
30'
60'
93'

30'
60'
93'
97'

97

fresh

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

new garage

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

Drilling or Boring Firm Capital Water Supply

Address 1243 Heron Rd
Ottawa 733-0600

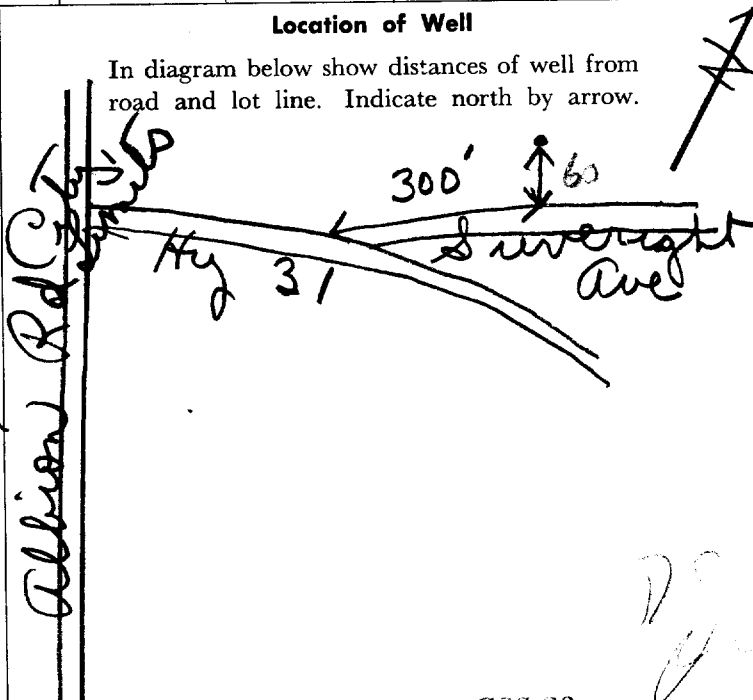
Licence Number 1687

Name of Driller or Borer M. Kavanagh

Address
Date Oct 29 1965
Walter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



31G/56. "A"



15 No 1853

UTM 118 Z 14191010 E

5 R 50223115 N

The Ontario Water Resources Commission Act

Elev. 4 R 03110

WATER WELL RECORD

Basin 215 Carleton
County or District

Township, Village, Town or City *Gloucestev*

Con. *IV R.F.* Lot 6

Date completed 11 Sept 1967
(day month year)

Owner *Del Zotto Bros*
(print in block letters)

Address *Box 931 R.R. #4 Ottawa Ont*

Casing and Screen Record

Pumping Test

Inside diameter of casing *6 1/4*
Total length of casing *106'*
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole *6"*

Static level *60'*
Test-pumping rate *10* G.P.M.
Pumping level *65'*
Duration of test pumping *1 hr*
Water clear or cloudy at end of test *cloudy*
Recommended pumping rate *5* G.P.M.
with pump setting of *80* feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

sandy gravel
clay
sand
gravel

From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
0	35'	107	<i>fresh</i>
35'	60'		
60'	100'		
100	107		

For what purpose(s) is the water to be used?
office & warehouse

Is well on upland in valley or on hillside?
Drilling or Boring Firm *Capital Water Supply Ltd*

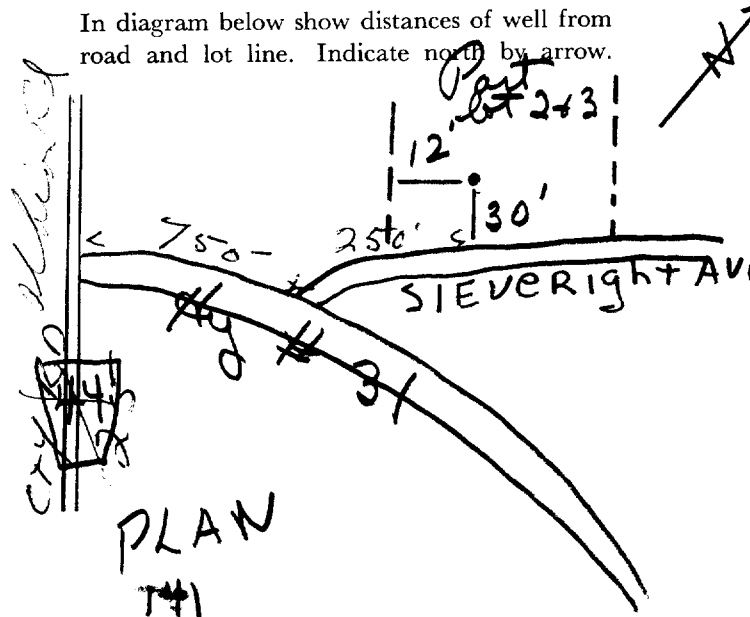
Address *14 Ashford Dr Ottawa 6*

Licence Number *2381*
Name of Driller or Borer *M Kavanagh*

Address
Date *Sept 11 1967*
Walter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



UTM 118 2 4 4 9 8 4 5 E

5 R 5 0 2 2 4 8 1 0 N

Elev. 4 R 0 3 0 0

Basin 2 5



ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

GROUND WATER BRANCH
15 No 8318
OCT 6 1958
ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

County or Territorial District... Carleton Township, Village, Town or City... OTTAWA
In Village, Town or City... Hunt Club R.D.
Address 1352 Hunt Club R.D.
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 3"
Length(s) 57 ft
Type of screen iron
Length of screen
Static level 10 ft
Pumping rate 750 G.P.H.
Pumping level 25 ft
Duration of test 3 hr

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Clay</u>	<u>0</u>	<u>40</u>	<u>57</u>	<u>47</u>	<u>Fresh</u>
<u>Sand</u>	<u>40</u>	<u>55</u>			
<u>Gravel</u>	<u>55</u>	<u>57</u>			

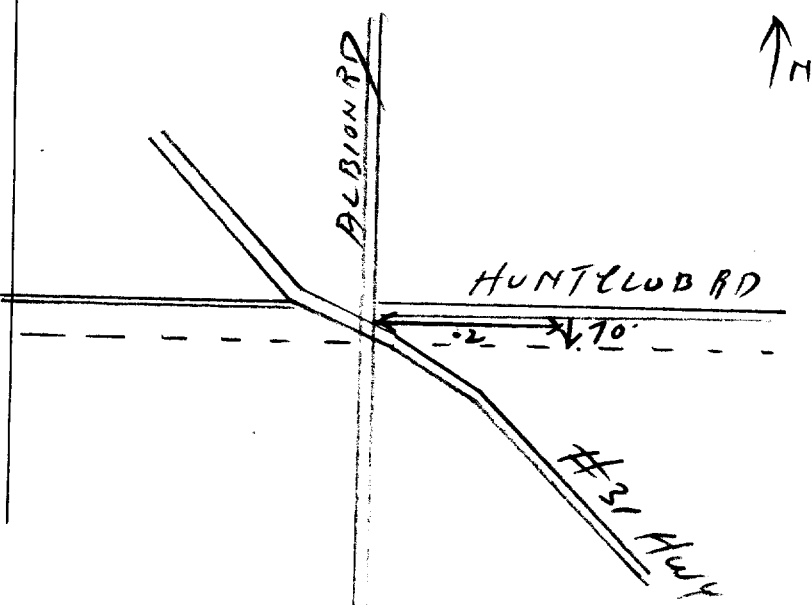
For what purpose(s) is the water to be used? House
Is water clear or cloudy?..... clear
Is well on upland, in valley, or on hillside?..... Valley
Drilling firm J.R. Casette
Address 1652 Baseline R.D.
Ottawa Ont
Name of Driller
Address same
Licence Number... 395

I certify that the foregoing statements of fact are true.

Date... Sept 27/58 J.R. Casette
Signature of Licensee

Location of Well

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



HUNT CLUB ROAD



GROUND WATER BRANCH
 NOV 14 1961 15 No 8321

8321

UTM 1182 44917100 E

5R 5022400 N

The Ontario Water Resources Commission

Elev. 42 03100

WATER WELL RECORD

Basin 25 | Carleton

Township, Village, Town or City Ottawa Nepean

Con. 4 R.F. Lot 6

Date completed 23 Oct 1961
 (day month year)

Address 2515 Bank St., Ottawa

Casing and Screen Record

Inside diameter of casing 2"
 Total length of casing 73'
 Type of screen Nil
 Length of screen Nil
 Depth to top of screen Nil
 Diameter of finished hole 2"

Pumping Test

Static level 6'
 Test-pumping rate 500 gal. per hr.
 Pumping level 30'
 Duration of test pumping 1 hr.
 Water clear or cloudy at end of test clear
 Recommended pumping rate 500
 with pump setting of 30' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Sand & Clay	0	70		
Gravel	70	82	81	fresh

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

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

Drilling or Boring Firm J.B. Dufresne & Co., Ltd.

Address Ottawa, Ont.

Licence Number 194

Name of Driller or Borer F. Larame Hull

Address 700 3/61

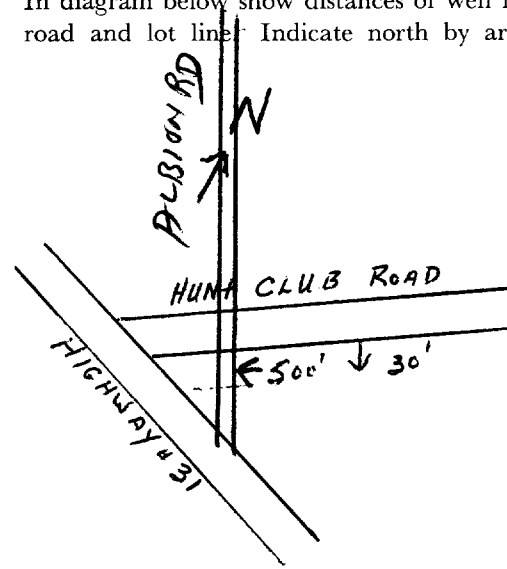
Date

J.B. Dufresne
 (Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

Location of Well

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



HUNTCLUB RD.



UTM 1182449860E

15 No 8323
Dec 6/66

5R 5022500N The Ontario Water Resources Commission Act

Elev. 41R 3010

WATER WELL RECORD

Basin 25 CARLETON

Township, Village, Town or City OTTAWA

Con. Lot

Date completed 11 JULY 1966
(day month year)

Address 1438 HUNT CLUB RD.

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 53'
Type of screen -
Length of screen -
Depth to top of screen -
Diameter of finished hole 5"

Pumping Test

Static level 12'
Test-pumping rate 6 G.P.M.
Pumping level 28'
Duration of test pumping 1 HR.
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 6 G.P.M.
with pump setting of 40 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
ALL GRAVEL	0	53	50	FRESH

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

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

Drilling or Boring Firm MCLEAN

WATER SUPPLY LTD.

Address 1532 RAVEN AVE,
OTTAWA, OAT.

Licence Number 2154

Name of Driller or Borer H. SALLY

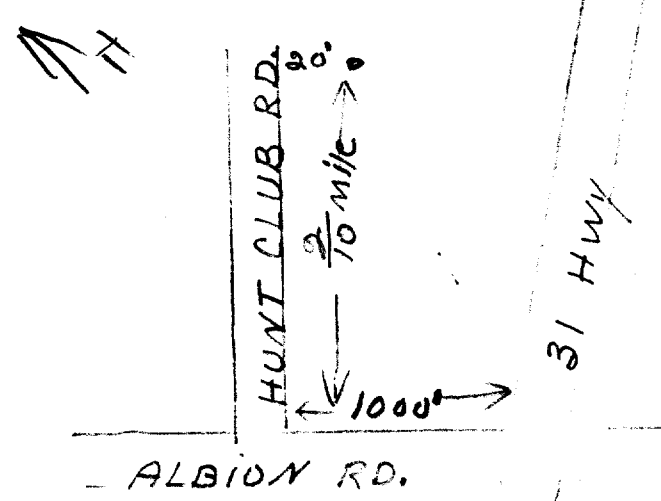
Address

Date JULY 12 1966

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



1438 HUNT CLUB RD, OTTAWA

449845 E
 5022480 N
 TA 2-1619
 Elev. 410300



GROUND WATER BRANCH
 SEP 15 1962
 ONTARIO WATER RESOURCES COMMISSION

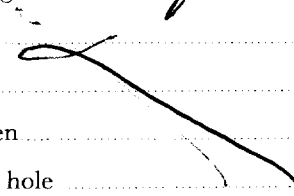
8325

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 25 | Carleton | Township, Village, Town or City Ottawa Ont
 Con. #47 | Lot #5 | Date completed 17 July 1962
 Address R.R. 4 Ottawa, Box 916

Casing and Screen Record

Inside diameter of casing 3" ~~2~~ feet
 Total length of casing 62 feet
 Type of screen 
 Length of screen
 Depth to top of screen
 Diameter of finished hole 3"

Pumping Test

Static level 14' from surface
 Test-pumping rate ~~3~~ 4 gallons G.P.M.
 Pumping level 30 feet
 Duration of test pumping 2 hours
 Water clear or cloudy at end of test clear
 Recommended pumping rate 4 G.P.M.
 with pump setting of 30 feet below ground surface

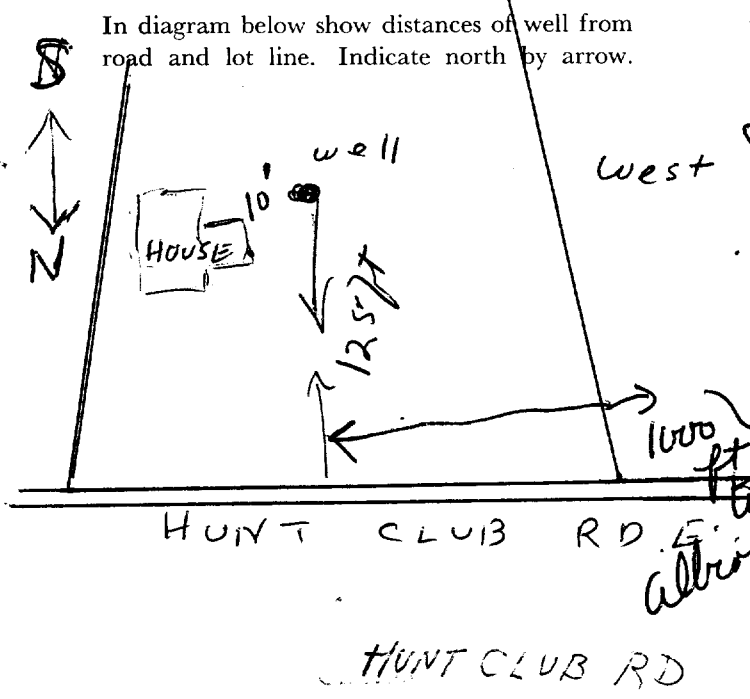
Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
sand and gravel	0	62	62-66'	fresh
Drill on Boulder	62	66		

For what purpose(s) is the water to be used? house
 Is well on upland, in valley, or on hillside? valley
 Drilling or Boring Firm Dufresne
 Address 103 Sweetland St. Ottawa
 Licence Number 223
 Name of Driller or Borer Dufresne
 Address 103 Sweetland
 Date July 17 / 62
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well



UTM 11R2 449980^E



GROUND WATER BRANCH
 MAR 17 1964
 15 No
 ONTARIO WATER RESOURCES COMMISSION

8327

5R 5022560^N

The Ontario Water Resources Commission Act

Elev. 4R 0300

WATER WELL RECORD

OTTAWA

Basin 25
 County or District Carleton

Township, Village, Town or City Glenora

Con. 488 Lot 5

Date completed 21 November 1963
 (day month year)

Address Box 276, R.R. No. 4, Ottawa, Ont.

Casing and Screen Record

Inside diameter of casing 3"
 Total length of casing 58
 Type of screen -
 Length of screen -
 Depth to top of screen -
 Diameter of finished hole 2"

Pumping Test

Static level 8'
 Test-pumping rate 9 G.P.M.
 Pumping level 20
 Duration of test pumping 1 hour
 Water clear or cloudy at end of test clear
 Recommended pumping rate 6 G.P.M.
 with pump setting of 20 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Sand - gravel	0	58	63	fresh
Gravel - boulders	58	65		

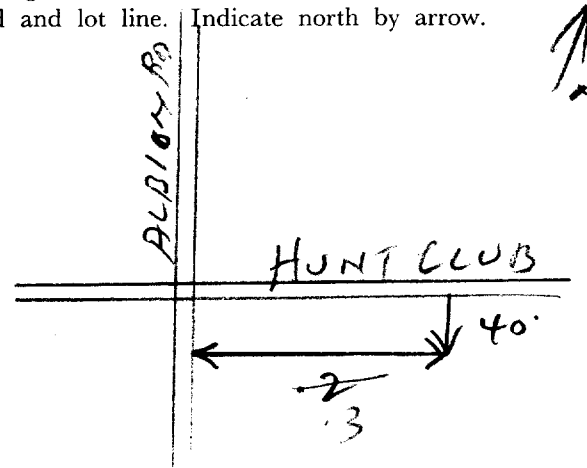
For what purpose(s) is the water to be used? House

Location of Well

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

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

Drilling or Boring Firm J.B. Dufresne & Co. Ltd.,
1014 Maitland Ave.,
 Address Ottawa 5, Ont.



Licence Number 1032

Name of Driller or Borer F. Laramee

Address 21A Garneau, Hull, Quebec.

Date 27 November, 1963.

(Signature)
 (Signature of Licensed Drilling or Boring Contractor)
J.B. Dufresne

Form 7 10M-62-1152

OWRC COPY

Hunt Club Rd.

DC

718
UTM | 118 | Z | 449 | 7710 | E



WATER RESOURCES
DIVISION
15 JAN 19 1964
ONTARIO WATER
RESOURCES COMMISSION

| 5 | R | 510 | 22 | 4410 | N

The Ontario Water Resources Commission Act

Elev. | 41R | 031010 |

WATER WELL RECORD

Basin | 215 | | Carlton | Township, Village, Town or City | Hamilton

Con. Hunt club Rd. Lot 5 Date completed 5 nov 1964
(day month year)

Owner [redacted] Address Hunt club Rd.
(print in block letters)

Casing and Screen Record

Inside diameter of casing 2
Total length of casing 62
Type of screen —
Length of screen —
Depth to top of screen —
Diameter of finished hole 2

Pumping Test

Static level 11
Test-pumping rate 6 G.P.M.
Pumping level 30
Duration of test pumping 2 hr
Water clear or cloudy at end of test Cloudy
Recommended pumping rate 6 G.P.M.
with pump setting of 30 feet below ground surface

Well Log

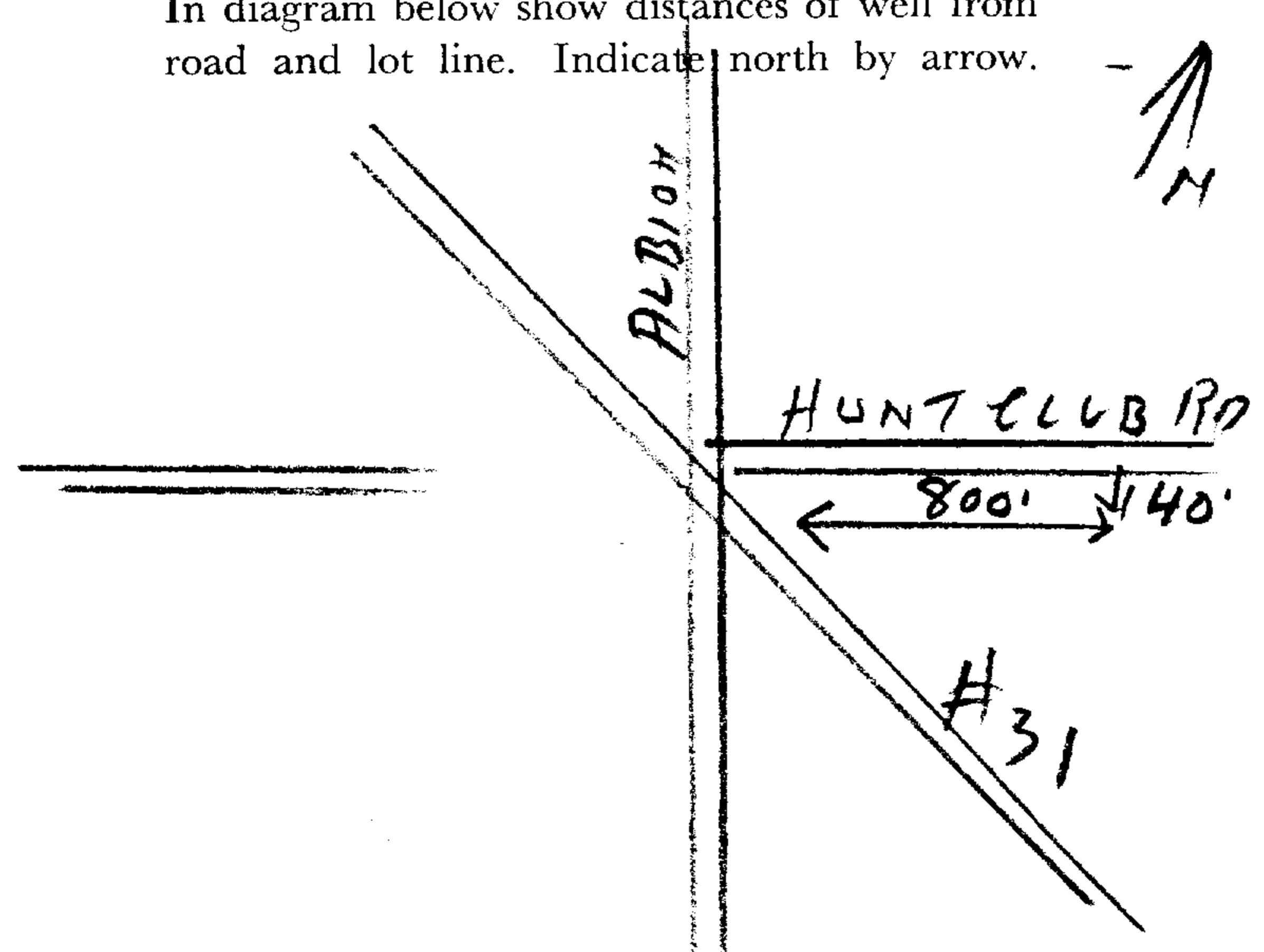
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>Top Soil x Sand</u>	<u>0</u>	<u>18</u>	<u>62 to 72</u>	<u>Fresh</u>
<u>Boulders sand x Gravel</u>	<u>18</u>	<u>72</u>		

For what purpose(s) is the water to be used? House
Is well on upland, in valley, or on hillside? upland
Drilling or Boring Firm J. R. Cassette
Address 1510 Base line Rd.
Licence Number 1472
Name of Driller or Borer J Cassette
Address Eastview
Date Nov 16-64
J. R. Cassette
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



NO STREET # HUNT CLUB RD

UTM | 18 | 2 | 4491918 | 10 | E
 | 5 | R | 5101212 | 7110 | N
 Elev. | 4 | R | 012910 |
 Basin | 25 | | | |



GROUND WATER BRANCH
 15 No. 8381
 JUL 13 1959
 ONTARIO WATER
 RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Ottawa Ont
 Con. [Redacted] Date completed 4 June 1959
 (day month year)
 Address 2515 Banks St

Casing and Screen Record

Inside diameter of casing 3 inch
 Total length of casing 50 feet
 Type of screen [Redacted]
 Length of screen [Redacted]
 Depth to top of screen [Redacted]
 Diameter of finished hole 3 inch

Pumping Test

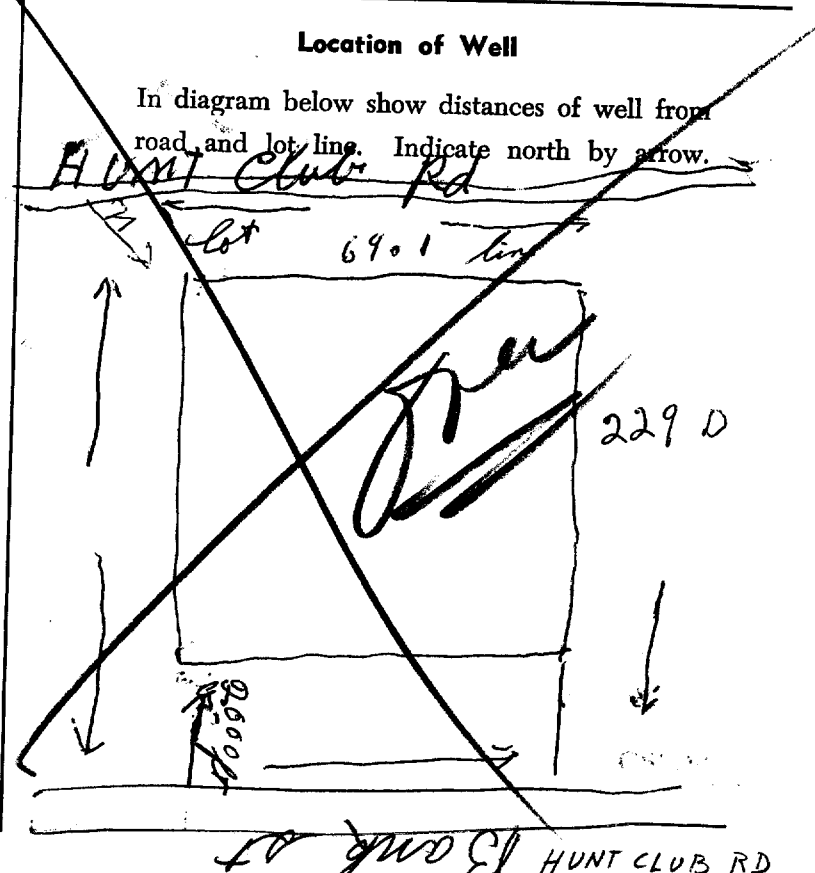
Static level 10 feet
 Test-pumping rate 4 G.P.M.
 Pumping level 20 feet
 Duration of test pumping 2 hours
 Water clear or cloudy at end of test Clear
 Recommended pumping rate 4 G.P.M.
 with pumping level of 20 feet

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>Clay and sand</u>	<u>0</u>	<u>45</u>			
<u>GRAVEL + Bedrock</u>	<u>45</u>	<u>50</u>	<u>50</u>	<u>40</u>	<u>fresh</u>

For what purpose(s) is the water to be used? house
 Is well on upland, in valley, or on hillside? valley
 Drilling Firm C. Dupresne
 Address 103 sweetland Ottawa
 Licence Number 256
 Name of Driller C. Dupresne
 Address 103 sweetland Ottawa
 Date 4 June 1959
C. Dupresne
 (Signature of Licensed Drilling Contractor)





GROUND WATER BRANCH 8333
 JUN 20 1961
 ONTARIO WATER RESOURCES COMMISSION

UTM: 118Z 45101010E
 5R 501215810N
 Elev. 42 013100
 Basin 25

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District: CAWLETON Township, Village, Town or City: Ottawa
 Date completed: 14 June 1960
 (day month year)
 Address: Hunt Club Rd

Casing and Screen Record

Pumping Test

Inside diameter of casing: 3 inch
 Total length of casing: 58
 Type of screen: [handwritten]
 Length of screen: [handwritten]
 Depth to top of screen: [handwritten]
 Diameter of finished hole: 3"

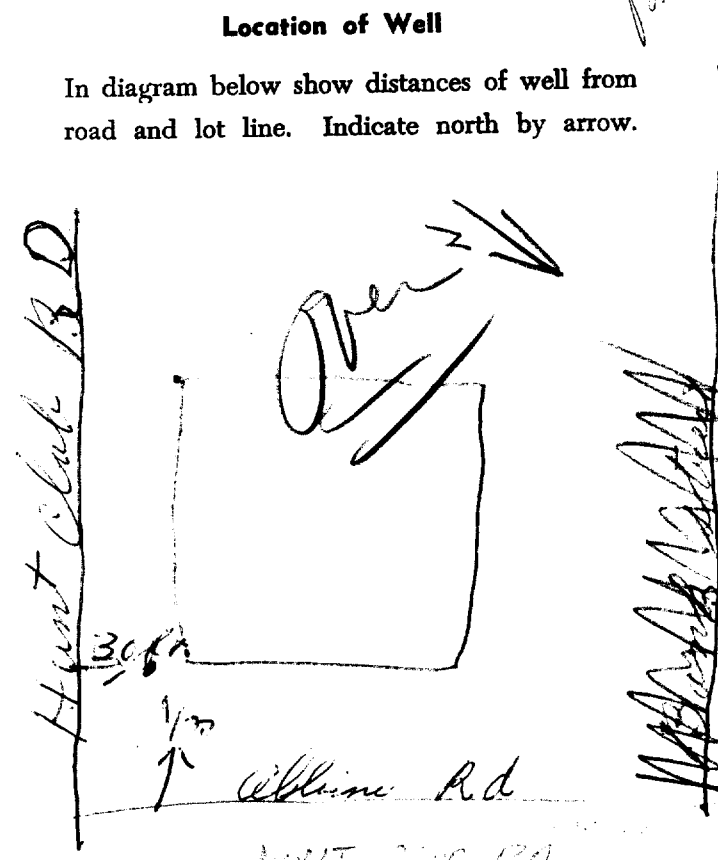
Static level: 15 feet
 Test-pumping rate: 4 G.P.M.
 Pumping level: 22
 Duration of test pumping: 2 hours
 Water clear or cloudy at end of test: Clear
 Recommended pumping rate: 7 G.P.M.
 with pumping level of: 22 feet

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>sand and clay</u>	<u>0</u>	<u>56</u>	<u>58</u>	<u>43</u>	<u>good</u>
<u>BOULDERS</u>	<u>56</u>	<u>58</u>			

For what purpose(s) is the water to be used? house
 Is well on upland, in valley, or on hillside? valley
 Drilling Firm: Dufresne
 Address: 123 sweetland ave Ottawa
 Licence Number: 463
 Name of Driller: Dufresne
 Address: 103 sweetland ave
 Date: June 14/1960
 (Signature of Licensed Drilling Contractor)





NO 8834
 15 FUND WATER BRANCH
 JAN 5 1961
 ONTARIO WATER RESOURCES COMMISSION

UTM 18 451010170^E
5 5022161010^N
 Elev. 4 031010
 Basin 25

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City OTTAWA
 Con. A Lot 1 Date completed Dec 15/60
 (day month year)
 Owner Mr. J. Lafontaine Const Co Address _____
 (print in block letters)

Casing and Screen Record

Pumping Test

Inside diameter of casing 3"
 Total length of casing 59
 Type of screen _____
 Length of screen _____
 Depth to top of screen NONE
 Diameter of finished hole 3" - 2"
57"-201"

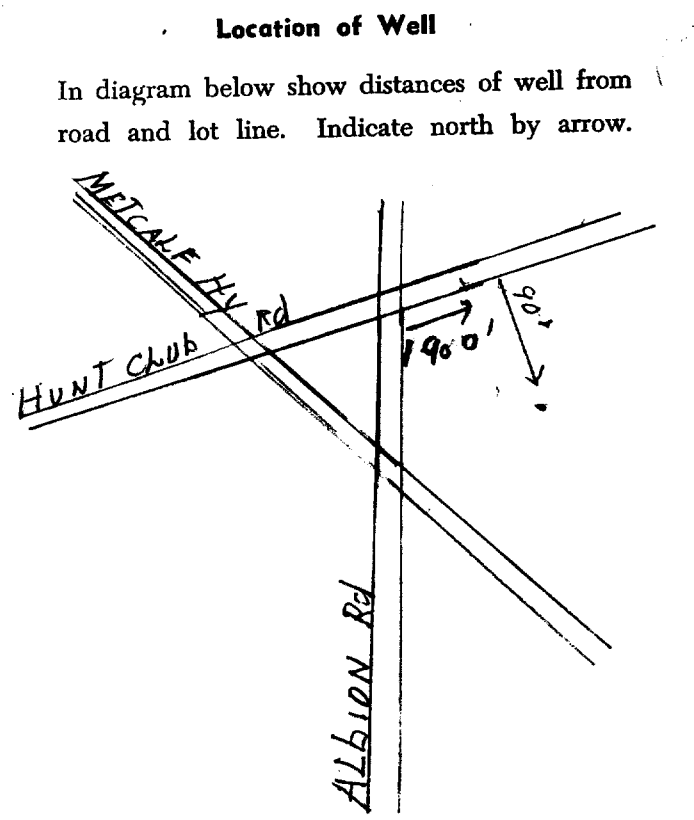
Static level 13'
 Test-pumping rate 400 G.P.M.
 Pumping level 50'
 Duration of test pumping 3 hrs
 Water clear or cloudy at end of test Clear
 Recommended pumping rate 6 G.P.M.
 with jet set pumping level of 50'

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>Clay</u>	<u>0</u>	<u>40</u>			
<u>Bolder Sand & Gravel</u>	<u>40</u>	<u>57</u>			
<u>Black Shale</u>	<u>57</u>	<u>201</u>	<u>198</u>	<u>185</u>	<u>fresh</u>

For what purpose(s) is the water to be used?
Warehouse
 Is well on upland, in valley, or on hillside?
valley
 Drilling Firm J.B. Dufresne & Co Ltd
 Address Ottawa
 Licence Number 565
 Name of Driller F. Laramee
 Address Dec 16/60 Hull
 Date _____
J.B. Dufresne
 (Signature of Licensed Drilling Contractor)





Ontario

31 G 5b

WATER WELL RECORD

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

11 1513721 15002 RF 04
 COUNTY OR DISTRICT **Carleton** TOWNSHIP, BOROUGH, ~~CITY~~ TOWN, VILLAGE **Ottawa Gloucester** 9 CON., BLOCK, TRACT, SURVEY, ETC. **4** LOG # **806**
 DATE COMPLETED 48-53 DAY **13** MO **12** YR. **73**
 ADDRESS **Hunt Club Rd. Ottawa, Ontario**
 ING **22477** RC **4** ELEVATION **0300** RC **4** BASIN CODE **26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)					
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
blue	clay	silt	packed	0	15
gray	sand	gravel		15	74
GRAVEL WELL					

31 00153050679 007422811
 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0074 10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	188	0	0065
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		65	74
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		65	0074

SCREEN

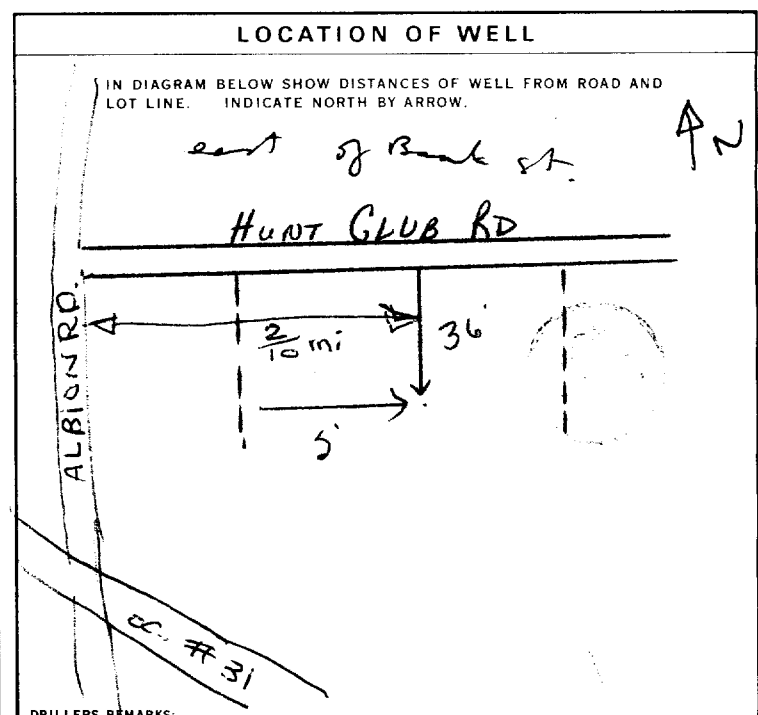
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

PUMPING TEST METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0020 GPM	DURATION OF PUMPING 01 15-16 HOURS 00 17-18 MINS
STATIC LEVEL 030 FEET	WATER LEVEL END OF PUMPING 040 FEET	WATER LEVELS DURING 15 MINUTES 040 FEET 30 MINUTES 040 FEET 45 MINUTES 040 FEET 60 MINUTES 040 FEET
IF FLOWING GIVE RATE	PUMP INTAKE SET AT GPM	WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 045 FEET	RECOMMENDED PUMPING RATE 0005 GPM



54 FINAL STATUS OF WELL
1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY
3 TEST HOLE 7 UNFINISHED
4 RECHARGE WELL

55-56 WATER USE
1 DOMESTIC 5 COMMERCIAL
2 STOCK 6 MUNICIPAL
3 IRRIGATION 7 PUBLIC SUPPLY
4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
 OTHER 9 NOT USED

57 METHOD OF DRILLING
1 CABLE TOOL 6 BORING
2 ROTARY (CONVENTIONAL) 7 DIAMOND
3 ROTARY (REVERSE) 8 JETTING
4 ROTARY (AIR) 9 DRIVING
5 AIR PERCUSSION

CONTRACTOR
 NAME OF WELL CONTRACTOR **Capital Water Supply Ltd.** LICENCE NUMBER **1558**
 ADDRESS **Box 490 Stittville, Ont.**
 NAME OF DRILLER OR BORER **M. Hamilton** LICENCE NUMBER
 SIGNATURE OF CONTRACTOR **Walter Kavanagh** SUBMISSION DATE DAY **18** NO. **12** YR. **73**

OFFICE USE ONLY
 DATA SOURCE 58 **1558** CONTRACTOR 59-62 **14 01 74** DATE RECEIVED
 DATE OF INSPECTION **16/5/79** INSPECTOR **K. J. P.P.**
 REMARKS: **P**
WI



WATER WELL RECORD

316/5B

Water management in Ontario

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

11 1513849 15002 04

COUNTY OR DISTRICT: **CARLETON** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **GLoucester** CON., BLOCK, TRACT, SURVEY, ETC.: **REGIONAL PLAN 4**

DATE COMPLETED: DAY **11** MO. **09** YR. **73**

NG: **22356** RC: **4** ELEVATION: **0300** RC: **4** BASIN CODE: **26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown/BLK	ORGANIC		Loose	0	5
BLUE/GREY	CLAY		Loose	5	55
GREY	SAND		DENSE	55	70
GREY	LIMESTONE	PARTICLES OF SHALE	ROCK	70	74

31 00051602 0055305 0070228 007421517

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input type="checkbox"/> FRESH 3 <input checked="" type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
10-11	1 <input checked="" type="checkbox"/> STEEL		13-16
11-12	2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	STD -250	0 0070
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE		27-30

SCREEN

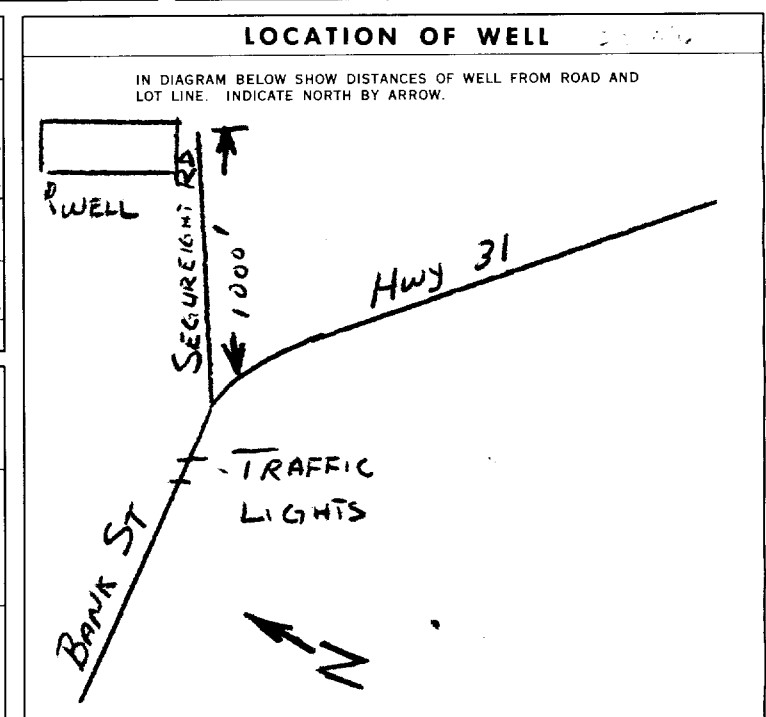
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
		41-44 80

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13 14-17	
18-21 22-25	
26-29 30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	0008 GPM	02 HOURS 10 MINS.
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
19-21 014 FEET	22-24 014 FEET	15 MINUTES 26-28 014 FEET 30 MINUTES 29-31 014 FEET 45 MINUTES 32-34 014 FEET 60 MINUTES 35-37 014 FEET
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
	35 GPM	1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
1 <input checked="" type="checkbox"/> SHALLOW 2 <input type="checkbox"/> DEEP	035 FEET	0008 GPM.



FINAL STATUS OF WELL

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

WATER USE

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: **W.A. DEEVY** LICENCE NUMBER: **1703**
ADDRESS: **309 ASHTON OTTAWA**

NAME OF DRILLER OR BORER: **W.A. DEEVY** LICENCE NUMBER: **1703**
SIGNATURE OF CONTRACTOR: *W.A. Deevy* SUBMISSION DATE: DAY **11** MO. **09** YR. **73**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **1703** DATE RECEIVED: **10274**

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: **APL**

P
WI

Measurements recorded in: Metric Imperial

A 096825

A096825

7462

Page 1 of 3

Well Owner's Information

First Name: Last Name / Organization: **JAMES C. SULPHER AND ASSOCIATED** E-mail Address: Well Constructed by Well Owner

Mailing Address (Street Number/Name): **1525 SIEVERIGHT ROAD** Municipality: **OTTAWA** Province: **ONT** Postal Code: **K1T1M5S6** Telephone No. (inc. area code): **6135215269**

Well Location

Address of Well Location (Street Number/Name): **1525 Sieveright Road** Township: Lot: Concession:

County/District/Municipality: City/Town/Village: **Ottawa** Province: **Ontario** Postal Code:

UTM Coordinates: Zone: Easting: **18450613** Northing: **5022606** Municipal Plan and Sublot Number: Other: **WKQ-002624**
A 0 - A 02

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	SAND		Moist	0	13'
Grey	CLAY	SILT	WET	13'	20'

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
From	To	
0	1'	CONCRETE/FLUSHMORTAR
1'	7.5'	BENSEAL
7.5'	20'	SAND

Results of Well Yield Testing					
After test of well yield, water was:		Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level			
Pump intake set at (m/ft)		1		1	
Pumping rate (l/min / GPM)		2		2	
Duration of pumping hrs + min		3		3	
Final water level end of pumping (m/ft)		4		4	
If flowing give rate (l/min / GPM)		5		5	
Recommended pump depth (m/ft)		10		10	
Recommended pump rate (l/min / GPM)		15		15	
Well production (l/min / GPM)		20		20	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No		25		25	
		30		30	
		40		40	
		50		50	
		60		60	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Public
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Domestic
<input type="checkbox"/> Boring	<input type="checkbox"/> Municipal
<input type="checkbox"/> Air percussion	<input type="checkbox"/> Livestock
<input type="checkbox"/> Other, specify	<input type="checkbox"/> Industrial
	<input type="checkbox"/> Other, specify
<input checked="" type="checkbox"/> Direct Push	<input type="checkbox"/> Not used
	<input type="checkbox"/> Dewatering
	<input checked="" type="checkbox"/> Test Hole
	<input type="checkbox"/> Monitoring
	<input type="checkbox"/> Cooling & Air Conditioning

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
1"	PVC	.25"	0	10'	<input type="checkbox"/> Water Supply
					<input type="checkbox"/> Replacement Well
					<input checked="" type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply
					<input type="checkbox"/> Abandoned, Poor Water Quality
					<input type="checkbox"/> Abandoned, other, specify
					<input type="checkbox"/> Other, specify

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.25"	PVC	10	10'	20'

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		From	To
		0'	20'
			2.5"

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling Inc.** Well Contractor's Licence No.: **7 2 4 1**

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): **Maiz, Mike**

Well Technician's Licence No.: **3 4 4 8** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20100531**

Map of Well Location

Please provide a map below following instructions on the back.

Comments: General contractor: **Pinchin Environmental**

Well owner's information package delivered	Date Package Delivered	Ministry Use Only	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Y Y Y Y M M D D	Audit No.	Registered
	20100520	z114150	17 2010

Measurements recorded in: Metric Imperial

7462

Well Owner's Information

First Name: Last Name / Organization: **JAMES C. SULTER ASSOCIATED** E-mail Address: Well Constructed by Well Owner

Mailing Address (Street Number/Name): **1525 SIEVERIGHT ROAD** Municipality: **OTTAWA** Province: **ONT.** Postal Code: **K1T1M5** Telephone No. (inc. area code): **613 521 5269**

Well Location

Address of Well Location (Street Number/Name): **1525 Sieveright Road** Township: Lot: Concession:

County/District/Municipality: City/Town/Village: **Ottawa** Province: **Ontario** Postal Code: **Other WKO-002624 A0-A02**

UTM Coordinates: Zone: **18** Easting: **450021** Northing: **5022610** Municipal Plan and Sublot Number:

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	SAND		Moist	0	13'
Grey	CLAY	SILT	Wet	13'	20'

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 - 1'	Concrete/Flushmount	
1' - 7.5'	Benscal	
7.5' - 20'	Sand	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
	Pump intake set at (m/ft)	2	2	
	Pumping rate (l/min / GPM)	3	3	
	Duration of pumping hrs + min	4	4	
	5	5	5	
Final water level end of pumping (m/ft)	10	10	10	
If flowing give rate (l/min / GPM)	15	15	15	
Recommended pump depth (m/ft)	20	20	20	
Recommended pump rate (l/min / GPM)	25	25	25	
Well production (l/min / GPM)	30	30	30	
Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	40	40	40	
	50	50	50	
	60	60	60	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging
<input type="checkbox"/> Air percussion	<input type="checkbox"/> Irrigation
<input checked="" type="checkbox"/> Other, specify Direct Push	<input type="checkbox"/> Other, specify
<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Test Hole
<input type="checkbox"/> Industrial	<input type="checkbox"/> Cooling & Air Conditioning
<input type="checkbox"/> Not used	<input checked="" type="checkbox"/> Monitoring

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
1"	PVC	.25"	0	10'	<input checked="" type="checkbox"/> Water Supply
					<input type="checkbox"/> Replacement Well
					<input type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input checked="" type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply
					<input type="checkbox"/> Abandoned, Poor Water Quality
					<input type="checkbox"/> Abandoned, other, specify
					<input type="checkbox"/> Other, specify

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.25"	PVC	10	10'	20'

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		From	To
0'		20'	25"

Well Contractor and Well Technician Information

Business Name of Well Contractor: **Strata Soil Sampling Inc.** Well Contractor's Licence No.: **7 2 4 1**

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): **Matt Mike**

Well Technician's Licence No.: **3 4 4 8** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20100531**

Map of Well Location

Please provide a map below following instructions on the back.

Comments: General contractor: **Pinchin Environmental**

Well owner's information package delivered	Date Package Delivered	Ministry Use Only	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Y Y Y Y M M D D 20100520	Audit No.	z114149
	Date Work Completed	Received	JUN 17 2010

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: Last Name / Organization: **JAMES C. SULPHER ASSOCIATED** E-mail Address: Well Constructed by Well Owner

Mailing Address (Street Number/Name): **1525 SIEVERIGHT ROAD** Municipality: **OTTAWA** Province: **ONT** Postal Code: **K1T1M5** Telephone No. (inc. area code): **6135215269**

Well Location

Address of Well Location (Street Number/Name): **1525 Sieveright Avenue** Township: Lot: Concession:

County/District/Municipality: City/Town/Village: **Ottawa** Province: **Ontario** Postal Code:

UTM Coordinates: Zone: **18** Easting: **450033** Northing: **022633** Municipal Plan and Sublot Number: Other: **WKQ-002624 A0-A02**

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown Gray	SAND CLAY	SILT	MOIST WET	0	13'
				13'	20'

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 to 1'	Concrete/Flushment	
1' to 7.5'	Benzal	
7.5' to 20'	SAND.	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify: Direct Push	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify:

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify: <input type="checkbox"/> Other, specify:
			From	To	
1"	PVC	.25"	0	10'	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
1.25"	PVC	10	10'	20'

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify:	Depth (m/ft)	Diameter (cm/in)
0' to 20'		0' to 20'	2.5"

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): **Mait, Mike**

Well Technician's Licence No.: **3448** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **20100531**

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
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? <input type="checkbox"/> Yes <input type="checkbox"/> No	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.

Comments: General contractor: **Pinchin Environmental**

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Y Y Y Y M M D D 20100520	Audit No.: z114148 Received: JUN 17 2010



Tag #: A169690

Measurements recorded in: Metric Imperial

5-20609 Page ____ of ____

Well Owner's Information

First Name, Last Name / Organization (Shell Canada Products), E-mail Address, Mailing Address (400-4th Avenue SW), Municipality (Calgary), Province (AB), Postal Code (T2P 1A1K5), Telephone No.

Well Location

Address of Well Location (2498 Banks St), Township, Lot, Concession, County/District/Municipality (Ottawa), City/Town/Village, Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other.

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entries for Brn Sand, Gyr Silt, and Sand/clay.

Annular Space

Table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes handwritten entries for Concrete flushment and Holeplug sand.

Method of Construction

Well Use

Checkboxes for Method of Construction (Cable Tool, Rotary, etc.) and Well Use (Public, Commercial, etc.). Includes handwritten 'D.P.' for Diamond Drilling.

Construction Record - Casing

Status of Well

Table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Includes handwritten entries for 5.75" casing and PK material.

Construction Record - Screen

Table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Includes handwritten entries for 6.03" screen and PK material.

Water Details

Hole Diameter

Table with columns: Water found at Depth (m/ft), Kind of Water, Hole Diameter Depth (m/ft) From, To, Diameter (cm/in). Includes handwritten entries for water depth and hole diameter.

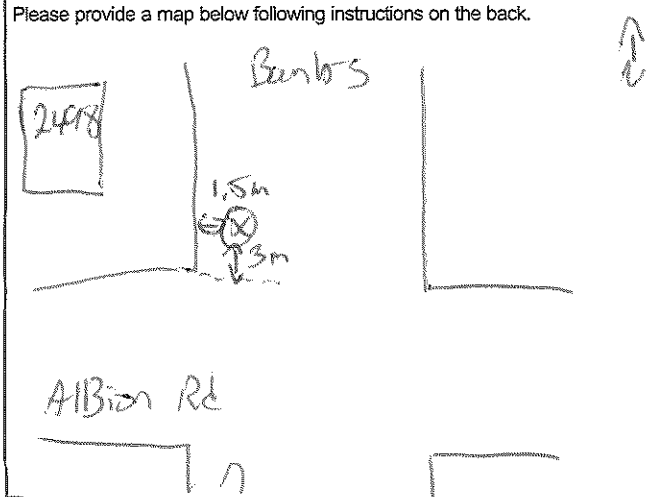
Well Contractor and Well Technician Information

Business Name of Well Contractor (Strata Drilling Group), Well Contractor's Licence No. (712411), Business Address (165 Shields CRT), Municipality (Marlborough), Province (ON), Postal Code (L3R 8V2), Business E-mail Address, Bus. Telephone No. (905-940-7911), Name of Well Technician (Beethy Brian), Well Technician's Licence No. (316116), Signature of Technician and/or Contractor, Date Submitted (20170805).

Results of Well Yield Testing

Table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level). Includes handwritten entries for pumping rate and duration.

Map of Well Location



Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Ministry Use Only (Audit No. 2247730, Received AUG 18 2017).

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	_____



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:**

** Mandatory Field*

Applicant/Agent Information:

Name:

Mailing Address:

Telephone: Email Address:

Registered Property Owner Information: Same as above

Name:

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description and PIN:

Part of Lot 6, Concession 4 (Rideau Front), Formerly the Township of Gloucester, in the City of Ottawa.

What is the land currently used for?

Land is currently used for various commercial purposes.

Lot frontage: m Lot depth: m Lot area: _____ m²

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

Please don't hesitate to visit [the Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$125.00
~~\$100.00~~

Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3.** A site plan or key plan of the property, its location and particular features.
- 4.** Any significant dates or time frames that you would like researched.

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group Inc. ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 04/09/2020

Per: Nick Sullivan

(Please print name)

Title: Environmental Scientist

Company: Paterson Group Inc.

September 4, 2020
File: PE5015-HLUI

City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario
K1P 1J1

155 Paterson Road, Suite 100
Ottawa, Ontario
K2P 7J5
Tel: (613) 228-7301
Fax: (613) 228-6344

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Biological Engineering
Materials Testing
Building Science
Archaeological Services

Subject: **Authorization Letter: HLUI Search
Phase I - Environmental Site Assessment
1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue
Ottawa, Ontario**

www.patersongroup.ca

Dear Sir or Madam,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I - Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:

J. C. Sulpher Westman / Francis Sulpher

Name of Representative

Francis Sulpher

Authorization of Representative



Date

Sept. 18, 2020



DATABASE REPORT

Project Property: *Phase I ESA
1452-1470 Hunt Club Road & 1525-1545
Sieveright Avenue
Ottawa ON*

Project No: *PE5015*

Report Type: *RSC Report (Urban)*

Order No: *20282000188*

Requested by: *Paterson Group Inc.*

Date Completed: *August 25, 2020*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	19
Map.....	34
Aerial.....	35
Topographic Map.....	36
Detail Report.....	37
Unplottable Summary.....	152
Unplottable Report.....	157
Appendix: Database Descriptions.....	185
Definitions.....	194

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: *Phase I ESA
1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue Ottawa ON*

Project No: *PE5015*

Order Information:

Order No: *20282000188*
Date Requested: *August 20, 2020*
Requested by: *Paterson Group Inc.*
Report Type: *RSC Report (Urban)*

Historical/Products:

Topographic Map *RSC Maps*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	18	18
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	10	10
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	7	8
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	1	1
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	1	1
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	9	53	62
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	2	2
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	5	5
SPL	<i>Ontario Spills</i>	Y	0	3	3
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	4	23	27
Total:			14	133	147

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	WWIS		ON <i>Well ID:</i> 1508327	NNW/0.0	0.00	37
1	GEN	VISSER DOOR	1525 SIEVERIGHT, UNIT 3 GLOUCESTER ON K1T 1M5	SW/0.0	0.00	39
1	GEN	VISSER & WEBB	1525 SIEVERIGHT UNIT 3 GLOUCESTER ON K1T 1M5	SW/0.0	0.00	39
1	GEN	VISSER MANUFACTURING LTD.	1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	SW/0.0	0.00	40
1	GEN	Siemens Canada Limited	1525 Sieveright Rd Ottawa ON K1T 1M5	SW/0.0	0.00	40
1	GEN	VISSER MANUFACTURING LTD.	1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	SW/0.0	0.00	40
1	EHS		1525 & 1531 Sieveright Rd, 1452 & 1470 Hunt Club Rd Ottawa ON	E/0.0	0.00	41
1	WWIS		Ottawa ON <i>Well ID:</i> 7147032	SSW/0.0	0.00	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		Ottawa ON <i>Well ID: 7147033</i>	S/0.0	0.00	43
1	WWIS		Ottawa ON <i>Well ID: 7147034</i>	S/0.0	0.00	46
1	GEN	Siemens Canada Limited	1525 Sieveright Road Ottawa ON	SW/0.0	0.00	49
1	GEN	Jim Sulpher Holdings	1525 Sieveright Road, Unit 2C Ottawa ON K1T 1M5	SW/0.0	0.00	49
1	GEN	Graphiki Inc.	1525 Sieveright Road Ottawa ON K1T 1M5	SW/0.0	0.00	49
1	GEN	Graphiki Inc.	1525 Sieveright Road Ottawa ON K1T 1M5	SW/0.0	0.00	50

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
2	CA	Richard Gebara	1601 Sieveright Rd Ottawa ON	E/3.4	1.31	50
3	ECA	Richard Gebara	1601 Sieveright Rd Ottawa ON K1G 1G5	E/3.5	1.31	50
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	50
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	51
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	51
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	51
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	52
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON	WNW/9.3	-1.31	52
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	52
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	52
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	53
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	WNW/9.3	-1.31	53
5	EHS		1521 Sieveright Ave Ottawa ON K1T1M5	SW/11.1	0.95	54
6	WWIS		ON Well ID: 1508333	N/14.1	-3.00	54
7	CA	GLOUCESTER CITY	EASEMENT/SIEVERIGHT AVENUE GLOUCESTER CITY ON	SSW/23.7	3.05	56
8	WWIS		lot 6 con 4 ON Well ID: 1513721	W/32.9	-1.53	56
9	GEN	RON DEAVY CARTAGE & CONSTRUCTION	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	WSW/37.2	0.95	59
9	GEN	RON DEAVY CARTAGE & CONSTRUCTION	1517SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	WSW/37.2	0.95	59
9	GEN	RON DEAVY CARTAGE & CONSTRUCTION 33-314	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	WSW/37.2	0.95	60
9	GEN	RON DEAVY CARTAGE & CONSTRUCTION LTD.	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	WSW/37.2	0.95	60
10	ECA	Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	SSW/44.5	3.05	60
10	ECA	Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	SSW/44.5	3.05	60
10	ECA	Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	SSW/44.5	3.05	61
11	RSC		1498 Hunt Club Road Ottawa ON K1T 1M6	NNE/58.0	-2.31	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	RSC		1498 Hunt Club Rd. Ottawa ON K1T 1M6	NNE/58.0	-2.31	61
11	CA	Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1T 1M6	NNE/58.0	-2.31	62
11	ECA	Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1V 9P3	NNE/58.0	-2.31	62
11	ECA	Issam Development Ltd.	1498 Hunt Club Road Ottawa ON K1V 9P3	NNE/58.0	-2.31	62
11	ECA	Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1V 9P3	NNE/58.0	-2.31	63
12	CA	MINTO DEVELOPMENTS INC.	BRIGHAM WAY/HANK RIVERS DR. GLOUCESTER CITY ON	SSE/58.3	3.61	63
13	WWIS		ON Well ID: 1508323	W/65.7	-2.05	63
14	WWIS		ON Well ID: 1508334	NE/65.7	-2.31	65
15	BORE		ON	NE/65.9	-2.31	68
16	CA		Sieveright Road and Monet Court Gloucester ON	ENE/85.1	0.11	69
16	CA		Sieveright Road and Monet Court Gloucester ON	ENE/85.1	0.11	69
16	CA		Sieveright Road and Monet Court Gloucester ON	ENE/85.1	0.11	70
17	EHS		1501 Sieveright Road Ottawa ON K1T 1M5	SW/85.3	3.61	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	SCT	ORANGE CUP OF CANADA LTD.	1501 SIEVERIGHT RD UNIT 4 GLOUCESTER ON K1T 1M5	WSW/85.5	1.31	70
18	GEN	AUTOPAK LTD.	1501 SIEVERIGHT ROAD #1 GLOUCESTER ON K1T 1M5	WSW/85.5	1.31	70
18	GEN	AUTOPAK LTD.	1501 SIEVERIGHT ROAD, UNIT 1 GLOUCESTER ON K1T 1M5	WSW/85.5	1.31	71
18	SCT	Orange Cup of Canada Ltd.	1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	WSW/85.5	1.31	71
18	SCT	Juice Concepts Limited	1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	WSW/85.5	1.31	71
18	SCT	Juice Concepts Limited	1501 Sieveright Rd Unit 4 Gloucester ON K1T 1M5	WSW/85.5	1.31	71
19	BORE		ON	W/88.8	-1.00	72
20	WWIS		ON Well ID: 1508318	W/88.9	-1.00	73
20	WWIS		ON Well ID: 1508325	W/88.9	-1.00	75
21	BORE		ON	SSE/100.0	5.00	78
22	WWIS		lot 6 con 4 ON Well ID: 1501846	SSE/100.1	5.00	79
23	WWIS		lot 6 con 4 ON Well ID: 1501853	SW/104.1	3.67	81
24	CA	R.M. OF OTTAWA-CARLETON - PIKE ST.	HUNT CLUB RD./CAHILL DR. OTTAWA CITY ON	NNE/112.0	-2.92	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	CA	SOUTH KEYS SHOPPING CENTRE INC.	CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	NNE/112.0	-2.92	84
24	CA	SOUTH KEYS SHOPPING CENTRE INC.	CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	NNE/112.0	-2.92	85
24	SPL	ROGERS CABLE T.V.	HUNT CLUB ROAD EAST OF CAHILL DRIVE NORTH YORK SITE 855 YORK MILLS ROAD OTTAWA CITY ON	NNE/112.0	-2.92	85
24	EHS		Hunt Club Road and Cahill Drive Ottawa ON	NNE/112.0	-2.92	86
25	EHS		1434 Hunt Club Rd Ottawa ON K1T 1M6	W/117.9	-2.24	86
26	WWIS		ON Well ID: 1508331	N/122.6	-4.00	86
27	BORE		ON	N/122.8	-4.00	88
28	CA	Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON	NW/137.2	-4.00	89
28	CA	Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON	NW/137.2	-4.00	89
28	ECA	Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	NW/137.2	-4.00	90
28	ECA	Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	NW/137.2	-4.00	90
28	ECA	Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	NW/137.2	-4.00	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
29	WWIS		lot 6 con 4 ON <i>Well ID:</i> 1513849	WSW/140.3	1.78	91
30	WWIS		ON <i>Well ID:</i> 1508319	NE/141.5	-1.87	94
31	WWIS		OTTAWA ON <i>Well ID:</i> 7292894	SSW/145.9	5.88	96
32	WWIS		ON <i>Well ID:</i> 1508329	W/172.2	-2.19	99
33	EHS		1501 Sieveright Road Ottawa ON K1T 1M5	SW/173.1	4.00	101
34	SCT	Magenn Power Inc.	18 Monet Crt Ottawa ON K1T 4B6	ENE/185.0	-0.23	101
35	BORE		ON	SW/187.1	5.81	101
36	WWIS		lot 6 con 4 ON <i>Well ID:</i> 1501848	SW/187.2	5.81	103
37	CA	SUNRISE PONTIAC BUICK INC.	2575 BANK ST., LOT 6/C-IV, SWN GLOUCESTER CITY ON K1T 1M8	WSW/189.3	1.05	106
37	CA	SUNRISE PONTIAC BUICK GMC LIMITED	2575 BANK STREET GLOUCESTER CITY ON K1T 1M8	WSW/189.3	1.05	106
37	EBR	Sunrise Pontiac Buick GMC Limited	2575 Bank Street GLOUCESTER ON	WSW/189.3	1.05	106
38	CA	MINTO DEVELOPMENTS INC.	BRIGHAM WAY/APPLE HILL DRIVE GLOUCESTER CITY ON	ESE/190.5	7.00	107
39	WWIS		lot 6 con 4 ON <i>Well ID:</i> 1501852	WSW/194.1	3.05	107

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK STREET GLOUCESTER ON K1T 1M9	SSW/200.1	7.03	110
40	GEN	SURGENOR NATIONAL LEASING LIMITED	2600 BANK STREET GLOUCESTER ON K1T 1M9	SSW/200.1	7.03	110
40	FSTH	SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	SSW/200.1	7.03	111
40	FSTH	SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	SSW/200.1	7.03	111
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	111
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	SSW/200.1	7.03	112
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	SSW/200.1	7.03	112
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	SSW/200.1	7.03	112
40	FST	SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	SSW/200.1	7.03	112
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	113
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	SSW/200.1	7.03	113
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	113
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	114

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	114
40	GEN	SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	114
40	GEN	SURGENOR NATIONAL LEASING LTD.	2600 BANK ST. OTTAWA ON K1T 1M9	SSW/200.1	7.03	114
41	BORE		ON	WSW/209.5	2.00	115
42	WWIS		lot 6 con 4 ON Well ID: 1501847	WSW/209.6	2.00	116
43	CA	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER CITY ON K1T 1M9	SSW/209.9	7.20	118
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER ON K1T 1M9	SSW/209.9	7.20	119
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER ON K1T 1M9	SSW/209.9	7.20	119
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD. 02-155	2616 BANK STREET GLOUCESTER ON K1T 1M9	SSW/209.9	7.20	119
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD	2616 BANK STREET GLOUCESTER ON K1T 1M9	SSW/209.9	7.20	120
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	SSW/209.9	7.20	120
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	SSW/209.9	7.20	121
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	121

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	122
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	SSW/209.9	7.20	122
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	SSW/209.9	7.20	122
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	123
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON	SSW/209.9	7.20	123
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	SSW/209.9	7.20	124
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	SSW/209.9	7.20	124
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	125
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	SSW/209.9	7.20	125
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	126
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	SSW/209.9	7.20	126
43	GEN	Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	127
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	SSW/209.9	7.20	127

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	GEN	Antech Diagnostics Ottawa	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	127
43	GEN	Antech Diagnostics Ottawa	2616 Bank St. Ottawa ON K1T 1M9	SSW/209.9	7.20	128
43	GEN	ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	SSW/209.9	7.20	128
44	SPL	City of Ottawa	2995 and 2997 Courtyard Crescent Ottawa ON	ENE/214.5	0.05	129
45	WWIS		lot 7 con 4 ON Well ID: 1501864	SSE/246.7	7.00	129
45	CA		2655 Bank Street Ottawa ON K1T 1N1	SSE/246.7	7.00	132
46	WWIS		ON Well ID: 1508321	W/247.3	-3.04	132
47	CA	1055766 ONTARIO LIMITED	2582 BANK ST.,PT.LOT 19 & 7/C4 GLOUCESTER CITY ON K1T 1M9	SSW/258.6	7.86	134
47	PRT	SURGENOR NATIONAL LEASING PAT MCGURN	2582 BANK ST GLOUCESTER ON K1T 1M9	SSW/258.6	7.86	135
48	WWIS		lot 6 con 4 ON Well ID: 1501849	SW/262.8	3.00	135
49	WWIS		lot 7 con 4 ON Well ID: 1513272	SSE/263.9	7.00	137
50	WWIS		lot 7 con 4 ON Well ID: 1501890	S/276.1	4.56	141
51	SPL		90 Patola Private Ottawa ON	NW/283.8	-5.00	144

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
52	EHS		2677 Bank Street Ottawa ON	SE/286.4	7.00	144
52	EHS		2677 Bank St Ottawa ON	SE/286.4	7.00	145
52	EXP	TAPLEN CONSTRUCTION	2677 BANK ST GLOUCESTER ON	SE/286.4	7.00	145
53	WWIS		lot 7 con 4 ON <i>Well ID:</i> 1501855	SE/287.5	7.00	145
54	WWIS		lot 7 con 4 ON <i>Well ID:</i> 1513269	SE/294.4	7.00	148

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	65.9	<u>15</u>
	ON	88.8	<u>19</u>
	ON	100.0	<u>21</u>
	ON	122.8	<u>27</u>
	ON	187.1	<u>35</u>
	ON	209.5	<u>41</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 18 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Richard Gebara	1601 Sieveright Rd Ottawa ON	3.4	<u>2</u>
GLOUCESTER CITY	EASEMENT/SIEVERIGHT AVENUE GLOUCESTER CITY ON	23.7	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1T 1M6	58.0	<u>11</u>
MINTO DEVELOPMENTS INC.	BRIGHAM WAY/HANK RIVERS DR. GLOUCESTER CITY ON	58.3	<u>12</u>
	Sieveright Road and Monet Court Gloucester ON	85.1	<u>16</u>
	Sieveright Road and Monet Court Gloucester ON	85.1	<u>16</u>
	Sieveright Road and Monet Court Gloucester ON	85.1	<u>16</u>
SOUTH KEYS SHOPPING CENTRE INC.	CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	112.0	<u>24</u>
SOUTH KEYS SHOPPING CENTRE INC.	CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	112.0	<u>24</u>
R.M. OF OTTAWA-CARLETON - PIKE ST.	HUNT CLUB RD./CAHILL DR. OTTAWA CITY ON	112.0	<u>24</u>
Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON	137.2	<u>28</u>
Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON	137.2	<u>28</u>
SUNRISE PONTIAC BUICK GMC LIMITED	2575 BANK STREET GLOUCESTER CITY ON K1T 1M8	189.3	<u>37</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNRISE PONTIAC BUICK INC.	2575 BANK ST., LOT 6/C-IV, SWN GLOUCESTER CITY ON K1T 1M8	189.3	<u>37</u>
MINTO DEVELOPMENTS INC.	BRIGHAM WAY/APPLE HILL DRIVE GLOUCESTER CITY ON	190.5	<u>38</u>
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER CITY ON K1T 1M9	209.9	<u>43</u>
	2655 Bank Street Ottawa ON K1T 1N1	246.7	<u>45</u>
1055766 ONTARIO LIMITED	2582 BANK ST.,PT.LOT 19 & 7/C4 GLOUCESTER CITY ON K1T 1M9	258.6	<u>47</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jul 31, 2020 has found that there are 1 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sunrise Pontiac Buick GMC Limited	2575 Bank Street GLOUCESTER ON	189.3	<u>37</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2020 has found that there are 10 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Richard Gebara	1601 Sieveright Rd Ottawa ON K1G 1G5	3.5	<u>3</u>
Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	44.5	<u>10</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	44.5	<u>10</u>
Issam Development Ltd	Monet Court Sieveright Rd Ottawa ON K1V 9P3	44.5	<u>10</u>
Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1V 9P3	58.0	<u>11</u>
Issam Development Ltd.	1498 Hunt Club Road Ottawa ON K1V 9P3	58.0	<u>11</u>
Issam Development Ltd	1498 Hunt Club Road Ottawa ON K1V 9P3	58.0	<u>11</u>
Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	137.2	<u>28</u>
Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	137.2	<u>28</u>
Solera Partnership	1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	137.2	<u>28</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 8 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1525 & 1531 Sieveright Rd, 1452 & 1470 Hunt Club Rd Ottawa ON	0.0	<u>1</u>
	1521 Sieveright Ave Ottawa ON K1T1M5	11.1	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1501 Sieveright Road Ottawa ON K1T 1M5	85.3	17
	Hunt Club Road and Cahill Drive Ottawa ON	112.0	24
	1434 Hunt Club Rd Ottawa ON K1T 1M6	117.9	25
	1501 Sieveright Road Ottawa ON K1T 1M5	173.1	33
	2677 Bank Street Ottawa ON	286.4	52
	2677 Bank St Ottawa ON	286.4	52

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 1 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TAPLEN CONSTRUCTION	2677 BANK ST GLOUCESTER ON	286.4	52

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 1 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	200.1	40

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING NANCY CHAN	2600 BANK ST GLOUCESTER ON K1T 1M9	200.1	<u>40</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 62 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VISSER MANUFACTURING LTD.	1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	0.0	<u>1</u>
VISSER & WEBB	1525 SIEVERIGHT UNIT 3 GLOUCESTER ON K1T 1M5	0.0	<u>1</u>
Siemens Canada Limited	1525 Sieveright Rd Ottawa ON K1T 1M5	0.0	<u>1</u>
VISSER MANUFACTURING LTD.	1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	0.0	<u>1</u>
Siemens Canada Limited	1525 Sieveright Road Ottawa ON	0.0	<u>1</u>
Jim Sulpher Holdings	1525 Sieveright Road, Unit 2C Ottawa ON K1T 1M5	0.0	<u>1</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Graphiki Inc.	1525 Sieveright Road Ottawa ON K1T 1M5	0.0	<u>1</u>
Graphiki Inc.	1525 Sieveright Road Ottawa ON K1T 1M5	0.0	<u>1</u>
VISSER DOOR	1525 SIEVERIGHT, UNIT 3 GLOUCESTER ON K1T 1M5	0.0	<u>1</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>

Site	Address	Distance (m)	Map Key
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	9.3	<u>4</u>
RON DEAVY CARTAGE & CONSTRUCTION	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	37.2	<u>9</u>
RON DEAVY CARTAGE & CONSTRUCTION	1517SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	37.2	<u>9</u>
RON DEAVY CARTAGE & CONSTRUCTION 33-314	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	37.2	<u>9</u>
RON DEAVY CARTAGE & CONSTRUCTION LTD.	1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	37.2	<u>9</u>
AUTOPAK LTD.	1501 SIEVERIGHT ROAD #1 GLOUCESTER ON K1T 1M5	85.5	<u>18</u>
AUTOPAK LTD.	1501 SIEVERIGHT ROAD, UNIT 1 GLOUCESTER ON K1T 1M5	85.5	<u>18</u>
SURGENOR NATIONAL LEASING	2600 BANK STREET GLOUCESTER ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING LIMITED	2600 BANK STREET GLOUCESTER ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
SURGENOR NATIONAL LEASING LTD.	2600 BANK ST. OTTAWA ON K1T 1M9	200.1	<u>40</u>
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	209.9	<u>43</u>

Site	Address	Distance (m)	Map Key
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 BANK STREET GLOUCESTER ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD. 02-155	2616 BANK STREET GLOUCESTER ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD	2616 BANK STREET GLOUCESTER ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON	209.9	43

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
ALTA VISTA ANIMAL HOSPITAL LTD.	2616 Bank Street Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics Ottawa	2616 Bank St. Ottawa ON K1T 1M9	209.9	43
Antech Diagnostics Ottawa	2616 Bank St. Ottawa ON K1T 1M9	209.9	43

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SURGENOR NATIONAL LEASING PAT MCGURN	2582 BANK ST GLOUCESTER ON K1T 1M9	258.6	47

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2020 has found that there are 2 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1498 Hunt Club Rd. Ottawa ON K1T 1M6	58.0	11
	1498 Hunt Club Road Ottawa ON K1T 1M6	58.0	11

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 5 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ORANGE CUP OF CANADA LTD.	1501 SIEVERIGHT RD UNIT 4 GLOUCESTER ON K1T 1M5	85.5	18
Orange Cup of Canada Ltd.	1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	85.5	18
Juice Concepts Limited	1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	85.5	18
Juice Concepts Limited	1501 Sieveright Rd Unit 4 Gloucester ON K1T 1M5	85.5	18
Magenn Power Inc.	18 Monet Crt Ottawa ON K1T 4B6	185.0	34

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROGERS CABLE T.V.	HUNT CLUB ROAD EAST OF CAHILL DRIVE NORTH YORK SITE 855 YORK MILLS ROAD OTTAWA CITY ON	112.0	<u>24</u>
City of Ottawa	2995 and 2997 Courtyard Crescent Ottawa ON	214.5	<u>44</u>
	90 Patola Private Ottawa ON	283.8	<u>51</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 27 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 1508327</i>	0.0	<u>1</u>
	Ottawa ON <i>Well ID: 7147032</i>	0.0	<u>1</u>
	Ottawa ON <i>Well ID: 7147033</i>	0.0	<u>1</u>
	Ottawa ON <i>Well ID: 7147034</i>	0.0	<u>1</u>
	ON	14.1	<u>6</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1508333		
	lot 6 con 4 ON	32.9	<u>8</u>
	<i>Well ID:</i> 1513721		
	ON	65.7	<u>13</u>
	<i>Well ID:</i> 1508323		
	ON	65.7	<u>14</u>
	<i>Well ID:</i> 1508334		
	ON	88.9	<u>20</u>
	<i>Well ID:</i> 1508318		
	ON	88.9	<u>20</u>
	<i>Well ID:</i> 1508325		
	lot 6 con 4 ON	100.1	<u>22</u>
	<i>Well ID:</i> 1501846		
	lot 6 con 4 ON	104.1	<u>23</u>
	<i>Well ID:</i> 1501853		
	ON	122.6	<u>26</u>
	<i>Well ID:</i> 1508331		
	lot 6 con 4 ON	140.3	<u>29</u>
	<i>Well ID:</i> 1513849		
	ON	141.5	<u>30</u>
	<i>Well ID:</i> 1508319		
	OTTAWA ON	145.9	<u>31</u>
	<i>Well ID:</i> 7292894		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 1508329	172.2	<u>32</u>
	lot 6 con 4 ON <i>Well ID:</i> 1501848	187.2	<u>36</u>
	lot 6 con 4 ON <i>Well ID:</i> 1501852	194.1	<u>39</u>
	lot 6 con 4 ON <i>Well ID:</i> 1501847	209.6	<u>42</u>
	lot 7 con 4 ON <i>Well ID:</i> 1501864	246.7	<u>45</u>
	ON <i>Well ID:</i> 1508321	247.3	<u>46</u>
	lot 6 con 4 ON <i>Well ID:</i> 1501849	262.8	<u>48</u>
	lot 7 con 4 ON <i>Well ID:</i> 1513272	263.9	<u>49</u>
	lot 7 con 4 ON <i>Well ID:</i> 1501890	276.1	<u>50</u>
	lot 7 con 4 ON <i>Well ID:</i> 1501855	287.5	<u>53</u>
	lot 7 con 4 ON <i>Well ID:</i> 1513269	294.4	<u>54</u>



Map : 0.3 Kilometer Radius

Order Number: 20282000188

Address: 1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue, Ottawa, ON

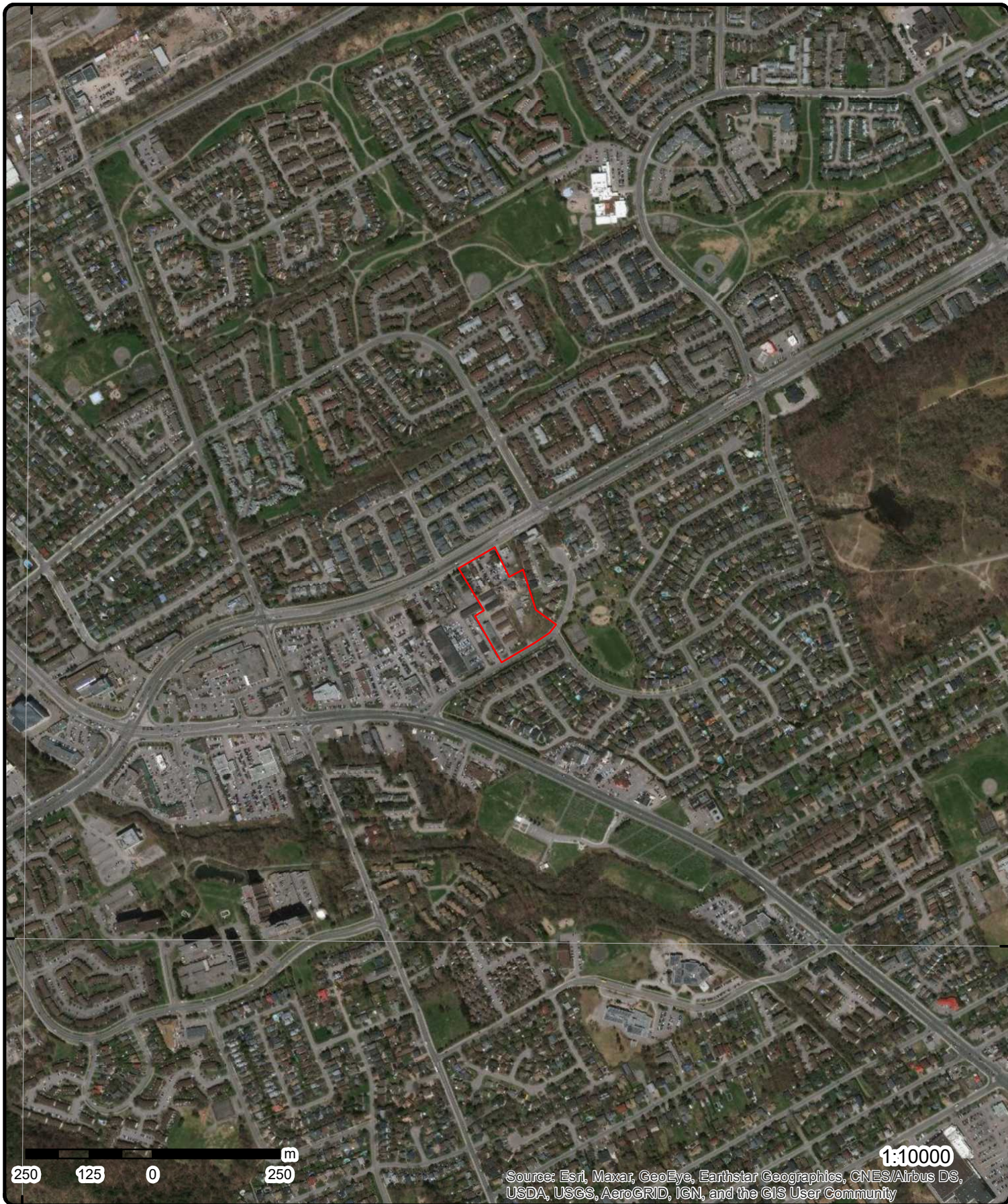


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

75°39'W

45°21'N

45°21'N



Aerial Year: 2019

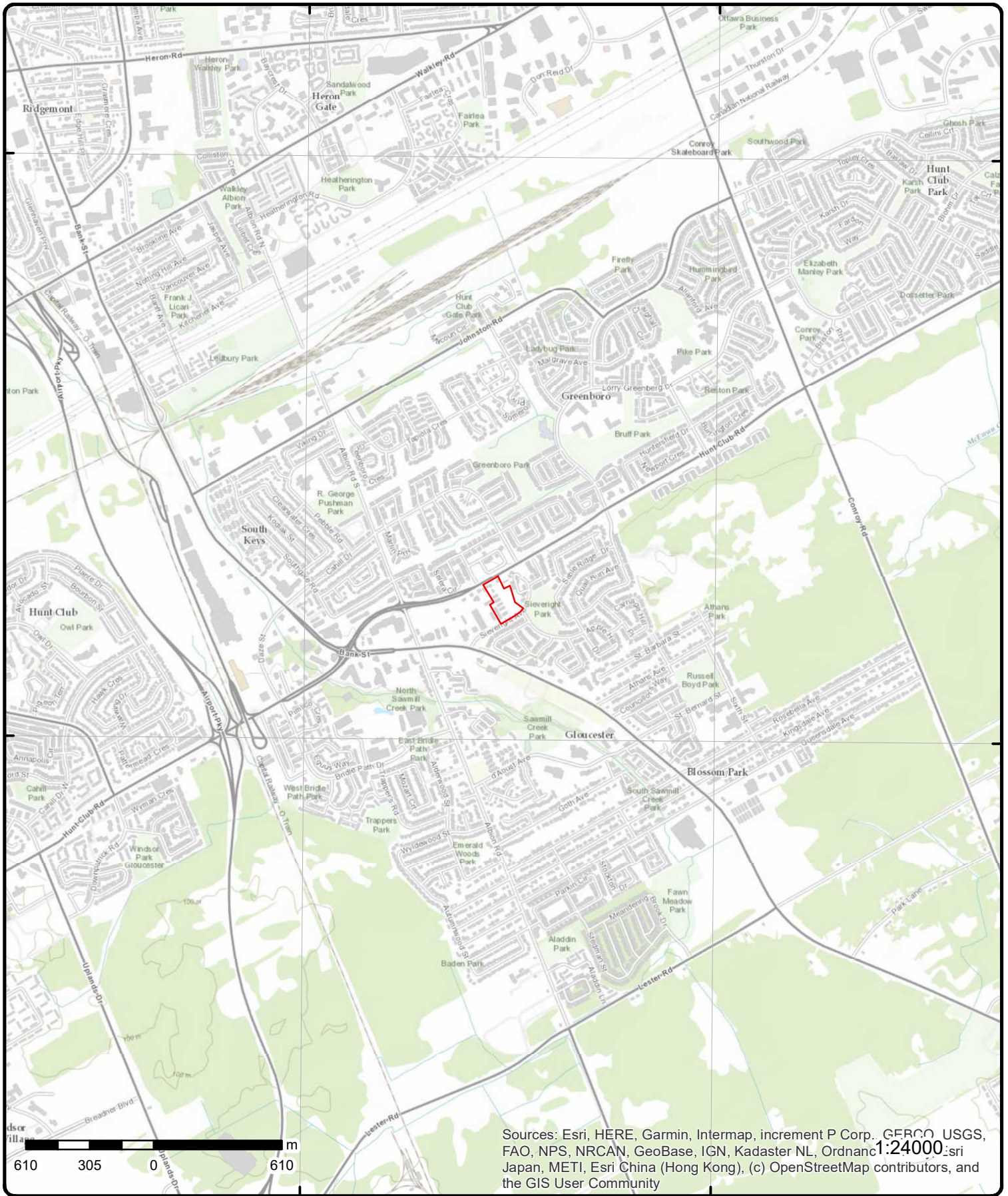
Address: 1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue,

Source: ESRI World Imagery

Order Number: 20282000188



© ERIS Information Limited Partnership



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: 1452-1470 Hunt Club Road & 1525-1545 Sieveright Avenue, C

Source: ESRI World Topographic Map

Order Number: 20282000188



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 14	NNW/0.0	92.9 / 0.00	ON	WWIS

Well ID: 1508327
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/17/1964
Selected Flag: Yes
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508327.pdf

Bore Hole Information

Bore Hole ID: 10030362
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 11/21/1963
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 93.342765
Elevrc:
Zone: 18
East83: 450010.7
North83: 5022782
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931009380
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931009381			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961508327			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578932			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053374			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		58			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053375			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		65			
Casing Diameter:		3			
Casing Diameter UOM:		inch			

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

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508327
Pump Set At:
Static Level: 8
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 9
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462776
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 63
Water Found Depth UOM: ft

1	2 of 14	SW/0.0	92.9 / 0.00	VISSER DOOR 1525 SIEVERIGHT, UNIT 3 GLOUCESTER ON K1T 1M5	GEN
-------------------	---------	--------	-------------	---	-----

Generator No:	ON2360500	PO Box No:
Status:		Country:
Approval Years:	98,99,00,01	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No Admin:
SIC Code:	2543	
SIC Description:	WOODEN DOOR & WINDOW	

Detail(s)

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

1	3 of 14	SW/0.0	92.9 / 0.00	VISSER & WEBB 1525 SIEVERIGHT UNIT 3 GLOUCESTER ON K1T 1M5	GEN
-------------------	---------	--------	-------------	--	-----

Generator No:	ON2360500	PO Box No:
Status:		Country:
Approval Years:	02,03	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No Admin:
SIC Code:		
SIC Description:		

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
<u>1</u>	4 of 14	SW/0.0	92.9 / 0.00	VISSER MANUFACTURING LTD. 1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	GEN
Generator No:	ON2360500			PO Box No:	
Status:				Country:	
Approval Years:	04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321911				
SIC Description:	Wood Window and Door Manufacturing				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
<u>1</u>	5 of 14	SW/0.0	92.9 / 0.00	Siemens Canada Limited 1525 Sieveright Rd Ottawa ON K1T 1M5	GEN
Generator No:	ON2158957			PO Box No:	
Status:				Country:	
Approval Years:	05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541330				
SIC Description:	Engineering Services				
<u>Detail(s)</u>					
Waste Class:		243			
Waste Class Desc:		PCB'S			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
<u>1</u>	6 of 14	SW/0.0	92.9 / 0.00	VISSER MANUFACTURING LTD. 1525 SIEVERIGHT ROAD UNIT 3 GLOUCESTER ON K1T 1M5	GEN
Generator No:	ON2360500			PO Box No:	
Status:				Country:	
Approval Years:	05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321911				
SIC Description:	Wood Window and Door Manufacturing				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	7 of 14	E/0.0	92.9 / 0.00	1525 & 1531 Sieveright Rd, 1452 & 1470 Hunt Club Rd Ottawa ON	EHS
Order No:		20100318015		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State: ON	
Report Date:		3/26/2010		Search Radius (km): 0.25	
Date Received:		3/18/2010		X: -75.637689	
Previous Site Name:				Y: 45.356026	
Lot/Building Size:					
Additional Info Ordered:					

1	8 of 14	SSW/0.0	92.9 / 0.00	Ottawa ON	WWIS
Well ID:		7147032		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received: 6/17/2010	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Monitoring and Test Hole		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z114150		Owner:	
Tag:		A096825		Street Name: 1525 SIEVERIGHT ROAD	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info: WKQ-002624 A0-A02	
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:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7147147032.pdf			

Bore Hole Information

Bore Hole ID:	1003044410	Elevation:	92.505027
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	450013
Code OB Desc:		North83:	5022606
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/20/2010	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003191123

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		27			
Mat3 Desc:		OTHER			
Formation Top Depth:		0			
Formation End Depth:		13			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003191124			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		91			
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		13			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003191127			
Layer:		2			
Plug From:		1			
Plug To:		7.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003191126			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003191128			
Layer:		3			
Plug From:		7.5			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1003191134			
Method Construction Code:		D			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1003191122				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1003191130				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	10				
Casing Diameter:	1				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1003191131				
Layer:	1				
Slot:	10				
Screen Top Depth:	10				
Screen End Depth:	20				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	1.25				
<u>Water Details</u>					
Water ID:	1003191129				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1003191125				
Diameter:	2.5				
Depth From:	0				
Depth To:	20				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

1

9 of 14

S/0.0

92.9 / 0.00

Ottawa ON

WWIS

Well ID: 7147033
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:

Data Entry Status:
Data Src:
Date Received: 6/17/2010
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	7
Audit No:	Z114149			Owner:	
Tag:	A099898			Street Name:	1525 SIEVERIGHT ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	WKQ-002624 A0-A02
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7147033.pdf

Bore Hole Information

Bore Hole ID:	1003044412	Elevation:	92.943138
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	450021
Code OB Desc:		North83:	5022610
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/20/2010	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003191137
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	27
Mat3 Desc:	OTHER
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003191138
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SILT			
Mat3:		91			
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		13			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003191140			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003191142			
Layer:		3			
Plug From:		7.5			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003191141			
Layer:		2			
Plug From:		1			
Plug To:		7.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003191148			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003191136			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003191144			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		1			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

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

Construction Record - Screen

Screen ID: 1003191145
 Layer: 1
 Slot: 10
 Screen Top Depth: 10
 Screen End Depth: 20
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 1.25

Water Details

Water ID: 1003191143
 Layer:
 Kind Code:
 Kind:
 Water Found Depth:
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003191139
 Diameter: 25
 Depth From: 0
 Depth To: 20
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

1 10 of 14 S/0.0 92.9 / 0.00 Ottawa ON WWIS

<p>Well ID: 7147034 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: Z114148 Tag: A099899 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:</p>	<p>Data Entry Status: Data Src: Date Received: 6/17/2010 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 1525 SIEVERIGHT ROAD County: OTTAWA Municipality: OTTAWA CITY Site Info: WKQ-002624 A0-A02 Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:</p>
---	--

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7147034.pdf

Bore Hole Information

Bore Hole ID: 1003044414 Elevation: 93.576339
 DP2BR: Elevrc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	450033
Code OB Desc:				North83:	5022633
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/20/2010			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1003191151
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 27
Mat3 Desc: OTHER
Formation Top Depth: 0
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1003191152
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 13
Formation End Depth: 20
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1003191154
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1003191155
Layer: 2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		1			
Plug To:		7.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003191156			
Layer:		3			
Plug From:		7.5			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003191162			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003191150			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003191158			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		1			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003191159			
Layer:		1			
Slot:		10			
Screen Top Depth:		10			
Screen End Depth:		20			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.25			
<u>Water Details</u>					
Water ID:		1003191157			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1003191153			
Diameter:		2.5			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>1</u>	11 of 14	SW/0.0	92.9 / 0.00	Siemens Canada Limited 1525 Sieveright Road Ottawa ON	GEN
Generator No:	ON8806128			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	232510				
SIC Description:	ELECTRICAL WORK				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
<u>1</u>	12 of 14	SW/0.0	92.9 / 0.00	Jim Sulpher Holdings 1525 Sieveright Road, Unit 2C Ottawa ON K1T 1M5	GEN
Generator No:	ON6512304			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Janet Fenton
MHSW Facility:	No			Phone No Admin:	613-521-2991 Ext.
SIC Code:	531120				
SIC Description:	LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
<u>1</u>	13 of 14	SW/0.0	92.9 / 0.00	Graphiki Inc. 1525 Sieveright Road Ottawa ON K1T 1M5	GEN
Generator No:	ON9738522			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	145 L				
Waste Class Desc:	Wastes from the use of pigments, coatings and paints				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	14 of 14	SW/0.0	92.9 / 0.00	Graphiki Inc. 1525 Sieveright Road Ottawa ON K1T 1M5	GEN
Generator No: ON9738522 Status: Registered Approval Years: As of Apr 2020 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
Detail(s)					
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
2	1 of 1	E/3.4	94.2 / 1.31	Richard Gebara 1601 Sieveright Rd Ottawa ON	CA
Certificate #: 2767-7X4JLN Application Year: 2009 Issue Date: 10/28/2009 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
3	1 of 1	E/3.5	94.2 / 1.31	Richard Gebara 1601 Sieveright Rd Ottawa ON K1G 1G5	ECA
Approval No: 2767-7X4JLN Approval Date: 2009-10-28 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1601 Sieveright Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0365-7WMPC8-14.pdf				MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
4	1 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No: ON0819500 Status: Approval Years: 02,03,04,05,06,07,08 Contam. Facility: MHSW Facility:				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>4</u>	2 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		484222			
SIC Description:		Dry Bulk Materials Trucking Local			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>4</u>	3 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		484222			
SIC Description:		Dry Bulk Materials Trucking Local			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>4</u>	4 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		484222			
SIC Description:		Dry Bulk Materials Trucking Local			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	5 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	484222				
SIC Description:	Dry Bulk Materials Trucking Local				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
<u>4</u>	6 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	484222				
SIC Description:	DRY BULK MATERIALS TRUCKING, LOCAL				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
<u>4</u>	7 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Evelyn Deavy
MHSW Facility:	No			Phone No Admin:	613-737-7188 Ext.
SIC Code:	484222				
SIC Description:	DRY BULK MATERIALS TRUCKING, LOCAL				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
<u>4</u>	8 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Evelyn Deavy
MHSW Facility:	No			Phone No Admin:	613-737-7188 Ext.
SIC Code:	484222				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		DRY BULK MATERIALS TRUCKING, LOCAL			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>4</u>	9 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Evelyn Deavy	
MHSW Facility:		No		Phone No Admin: 613-737-7188 Ext.	
SIC Code:		484222			
SIC Description:		DRY BULK MATERIALS TRUCKING, LOCAL			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>4</u>	10 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2018		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
<u>4</u>	11 of 11	WNW/9.3	91.6 / -1.31	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1450 HUNT CLUB ROAD OTTAWA ON K1T 1M6	GEN
Generator No:		ON0819500		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Apr 2020		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>5</u>	1 of 1	SW/11.1	93.8 / 0.95	1521 Sieveright Ave Ottawa ON K1T1M5	EHS
Order No:	20180312202			Nearest Intersection:	
Status:	C			Municipality:	Gloucester
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-MAR-18			Search Radius (km):	.25
Date Received:	12-MAR-18			X:	-75.638547
Previous Site Name:	Commercial warehouse			Y:	45.355396
Lot/Building Size:	0.51 acres				
Additional Info Ordered:	City Directory				

<u>6</u>	1 of 1	N/14.1	89.9 / -3.00	ON	WWIS
Well ID:	1508333			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	2/20/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1801
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508333.pdf

Bore Hole Information

Bore Hole ID:	10030368	Elevation:	93.291694
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	450030.7
Code OB Desc:	Overburden	North83:	5022802
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	6/14/1960	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931009413
Layer:	2
Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		56			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931009412			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		56			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508333			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578938			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053384			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		58			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508333			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		22			
Recommended Pump Depth:		22			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:		4 4 ft GPM 1 CLEAR 1 2 0 No			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		933462782 1 1 FRESH 58 ft			
<u>7</u>	1 of 1	SSW/23.7	95.9 / 3.05	GLOUCESTER CITY EASEMENT/SIEVERIGHT AVENUE GLOUCESTER CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3-0401-88- 88 3/23/1988 Municipal sewage Approved			
<u>8</u>	1 of 1	W/32.9	91.3 / -1.53	lot 6 con 4 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		1513721 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/14/1974 Yes 1558 1 OTTAWA GLOUCESTER TOWNSHIP 006 04 RF

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513721.pdf

Bore Hole Information

Bore Hole ID:	10035703	Elevation:	92.709732
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	449929.7
Code OB Desc:	Overburden	North83:	5022721
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	12/13/1973	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931024300
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	74
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931024299
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

**Method of Construction & Well
Use**

Method Construction ID:	961513721
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

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

Pipe Information

Pipe ID: 10584273
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063142
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930063141
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991513721
Pump Set At:
Static Level: 30
Final Level After Pumping: 40
Recommended Pump Depth: 45
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934379749
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934640742					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 40					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934898634					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 40					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934099509					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 40					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933469397					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 74					
Water Found Depth UOM: ft					

<u>9</u>	1 of 4	WSW/37.2	93.8 / 0.95	RON DEAVY CARTAGE & CONSTRUCTION 1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	GEN
Generator No:		ON0819500	PO Box No:		
Status:			Country:		
Approval Years:		86,87,88,89,90	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		4121			
SIC Description:		HIGHWAYS, STR., ETC.			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

<u>9</u>	2 of 4	WSW/37.2	93.8 / 0.95	RON DEAVY CARTAGE & CONSTRUCTION 1517SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	GEN
Generator No:		ON0819500	PO Box No:		
Status:			Country:		
Approval Years:		92,93,97,98	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		4121			
SIC Description:		HIGHWAYS, STR., ETC.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
9	3 of 4	WSW/37.2	93.8 / 0.95	RON DEAVY CARTAGE & CONSTRUCTION 33-314 1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4121				
SIC Description:	HIGHWAYS, STR., ETC.				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
9	4 of 4	WSW/37.2	93.8 / 0.95	RON DEAVY CARTAGE & CONSTRUCTION LTD. 1517 SIEVERIGHT ROAD GLOUCESTER ON K1T 1M5	GEN
Generator No:	ON0819500			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4121				
SIC Description:	HIGHWAYS, STR., ETC.				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
10	1 of 3	SSW/44.5	95.9 / 3.05	Issam Development Ltd Monet Court Sieveright Rd Ottawa ON K1V 9P3	ECA
Approval No:	3658-4SGJUM			MOE District:	Ottawa
Approval Date:	2001-01-04			City:	
Status:	Approved			Longitude:	-75.63857999999999
Record Type:	ECA			Latitude:	45.354836
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	Monet Court Sieveright Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3311-4S9LSR-14.pdf				
10	2 of 3	SSW/44.5	95.9 / 3.05	Issam Development Ltd Monet Court Sieveright Rd Ottawa ON K1V 9P3	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No:	5204-4SGJZG			MOE District: Ottawa	
Approval Date:	2001-01-03			City:	
Status:	Approved			Longitude: -75.63857999999999	
Record Type:	ECA			Latitude: 45.354836	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Address:	Monet Court Sieveright Rd				
Full Address:					
Full PDF Link:					

10	3 of 3	SSW/44.5	95.9 / 3.05	Issam Development Ltd Monet Court Sieveright Rd Ottawa ON K1V 9P3	ECA
Approval No:	0475-4SGJMC			MOE District: Ottawa	
Approval Date:	2001-01-04			City:	
Status:	Approved			Longitude: -75.63857999999999	
Record Type:	ECA			Latitude: 45.354836	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	Monet Court Sieveright Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2167-4RXU7U-14.pdf				

11	1 of 6	NNE/58.0	90.6 / -2.31	1498 Hunt Club Road Ottawa ON K1T 1M6	RSC
RSC ID:				Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:				Intended Prop Use:	
Curr Property Use:				Qual Person Name:	
Ministry District:	York Durham			Stratified (Y/N):	
Filing Date:	12/23/99			Audit (Y/N):	N
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:	07/23/99			Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:					
Asmt Roll No:					
Prop ID No (PIN):					
Property Municipal Address:					
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant:	Trow Consulting				
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:					

11	2 of 6	NNE/58.0	90.6 / -2.31	1498 Hunt Club Rd. Ottawa ON K1T 1M6	RSC
RSC ID:				Cert Date:	
RA No:				Cert Prop Use No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>RSC Type: Curr Property Use: Ministry District: Ottawa Filing Date: 03/07/00 Date Ack: Date Returned: 03/10/00 Restoration Type: Soil Type: Criteria: CPU Issued Sect 1686: Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Longitude: UTM Coordinates: Consultant: Issam Development Team Legal Desc: Measurement Method: Applicable Standards: RSC PDF:</p>					
11	3 of 6	NNE/58.0	90.6 / -2.31	Issam Development Ltd 1498 Hunt Club Road Ottawa ON K1T 1M6	CA
<p>Certificate #: 2113-6EALLT Application Year: 2005 Issue Date: 7/14/2005 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:</p>					
11	4 of 6	NNE/58.0	90.6 / -2.31	Issam Development Ltd 1498 Hunt Club Road Ottawa ON K1V 9P3	ECA
<p>Approval No: 2113-6EALLT Approval Date: 2005-07-14 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1498 Hunt Club Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6718-6CFN53-14.pdf</p>					
11	5 of 6	NNE/58.0	90.6 / -2.31	Issam Development Ltd. 1498 Hunt Club Road Ottawa ON K1V 9P3	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No: 0790-6CHNJA Approval Date: 2005-05-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1498 Hunt Club Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6686-6CFLH3-14.pdf					
11	6 of 6	NNE/58.0	90.6 / -2.31	Issam Development Ltd 1498 Hunt Club Road Ottawa ON K1V 9P3	ECA
Approval No: 0017-6CHHG9 Approval Date: 2005-05-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal Drinking Water Systems Project Type: Municipal Drinking Water Systems Address: 1498 Hunt Club Road Full Address: Full PDF Link:					
12	1 of 1	SSE/58.3	96.5 / 3.61	MINTO DEVELOPMENTS INC. BRIGHAM WAY/HANK RIVERS DR. GLOUCESTER CITY ON	CA
Certificate #: 3-0802-99- Application Year: 99 Issue Date: 7/16/1999 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
13	1 of 1	W/65.7	90.8 / -2.05	ON	WWIS
Well ID: 1508323 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m):					
Data Entry Status: Data Src: 1 Date Received: 12/6/1966 Selected Flag: Yes Abandonment Rec: Contractor: 3504 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: OTTAWA CITY					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508323.pdf			

Bore Hole Information

Bore Hole ID:	10030358	Elevation:	92.399009
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	449890.7
Code OB Desc:	Overburden	North83:	5022722
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/11/1966	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931009371
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	53
Formation End Depth UOM:	ft

**Method of Construction & Well
Use**

Method Construction ID:	961508323
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578928
Casing No:	1
Comment:	
Alt Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930053367			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		53			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508323			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		28			
Recommended Pump Depth:		40			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462772			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

[14](#) 1 of 1 **NE/65.7** **90.6 / -2.31** **ON** **WWIS**

Well ID:	1508334	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Public	Date Received:	1/5/1961
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1802
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
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:			

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508334.pdf

Bore Hole Information

Bore Hole ID:	10030369	Elevation:	92.31678
DP2BR:	57	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450100.7
Code OB Desc:	Bedrock	North83:	5022822
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/15/1960	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931009416
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	57
Formation End Depth:	201
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931009415
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	40
Formation End Depth:	57
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931009414
Layer:	1
Color:	
General Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508334			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578939			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053386			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		201			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053385			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		59			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508334			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462783			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		198			
Water Found Depth UOM:		ft			

<u>15</u>	1 of 1	NE/65.9	90.6 / -2.31	ON	BORE
Borehole ID:	614840			Inclin FLG:	No
OGF ID:	215515782			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	DEC-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.357135
Total Depth m:	61.3			Longitude DD:	-75.637087
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	450101
Drill Method:				Northing:	5022822
Orig Ground Elev m:	91.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	92.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218399486			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218399487			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	17.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BOULDERS.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218399488			Mat Consistency:	
Top Depth:	17.4			Material Moisture:	
Bottom Depth:	61.3			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE. BLACK. 00198GRAVEL. 66. 00105= 4800. BEDROCK. SEISMIC VELOCITY = 13500. 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07348 NTS_Sheet:		
Confiden 1:			

Source List

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

<u>16</u>	1 of 3	ENE/85.1	93.0 / 0.11	Sieveright Road and Monet Court Gloucester ON	CA
Certificate #:	3658-4SGJUM				
Application Year:	01				
Issue Date:	1/4/01				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Issam Development Ltd				
Client Address:	2329 Shanegal Court				
Client City:	Gloucester				
Client Postal Code:	K1V 9P3				
Project Description:	storm and sanitary sewer construction on Monet Court				
Contaminants:					
Emission Control:					

<u>16</u>	2 of 3	ENE/85.1	93.0 / 0.11	Sieveright Road and Monet Court Gloucester ON	CA
Certificate #:	0475-4SGJMC				
Application Year:	01				
Issue Date:	1/4/01				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	New Certificate of Approval				
Client Name:	Issam Development Ltd				
Client Address:	2329 Shanegal Court				
Client City:	Gloucester				
Client Postal Code:	K1V 9P3				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:		storm sewer construction on Sieveright Road and Monet Court and Block 30			
Contaminants:					
Emission Control:					
16	3 of 3	ENE/85.1	93.0 / 0.11	Sieveright Road and Monet Court Gloucester ON	CA
Certificate #:		5204-4SGJZG			
Application Year:		01			
Issue Date:		1/3/01			
Approval Type:		Municipal & Private water			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name:		Issam Development Ltd			
Client Address:		2329 Shanegal Court			
Client City:		Gloucester			
Client Postal Code:		K1V 9P3			
Project Description:		watermain construction on Sieveright Road and Monet Court			
Contaminants:					
Emission Control:					
17	1 of 1	SW/85.3	96.5 / 3.61	1501 Sieveright Road Ottawa ON K1T 1M5	EHS
Order No:		20050518007		Nearest Intersection: Sieveright Rd & Applehill Dr	
Status:		C		Municipality:	
Report Type:				Client Prov/State: ON	
Report Date:		5/27/2005		Search Radius (km): 0.25	
Date Received:		5/18/2005		X: -75.639899	
Previous Site Name:				Y: 45.354332	
Lot/Building Size:					
Additional Info Ordered:					
18	1 of 6	WSW/85.5	94.2 / 1.31	ORANGE CUP OF CANADA LTD. 1501 SIEVERIGHT RD UNIT 4 GLOUCESTER ON K1T 1M5	SCT
Established:		1987			
Plant Size (ft²):		0			
Employment:		0			
--Details--					
Description:		Other Specialty-Line Food Wholesaler-Distributors			
SIC/NAICS Code:		413190			
18	2 of 6	WSW/85.5	94.2 / 1.31	AUTOPAK LTD. 1501 SIEVERIGHT ROAD #1 GLOUCESTER ON K1T 1M5	GEN
Generator No:		ON1776900		PO Box No:	
Status:				Country:	
Approval Years:		93,94,95,96,97,98		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6359			
SIC Description:		OTHER VEH. REPAIR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
18	3 of 6	WSW/85.5	94.2 / 1.31	AUTOPAK LTD. 1501 SIEVERIGHT ROAD, UNIT 1 GLOUCESTER ON K1T 1M5	GEN
Generator No:		ON1776900		PO Box No:	
Status:				Country:	
Approval Years:		99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		6359			
SIC Description:		OTHER VEH. REPAIR			
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
18	4 of 6	WSW/85.5	94.2 / 1.31	Orange Cup of Canada Ltd. 1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	SCT
Established:		1975			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Fruit and Vegetable Canning, Pickling and Drying			
SIC/NAICS Code:		311420			
18	5 of 6	WSW/85.5	94.2 / 1.31	Juice Concepts Limited 1501 Sieveright Rd Unit 4 Ottawa ON K1T 1M5	SCT
Established:		1975			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Fruit and Vegetable Canning, Pickling and Drying			
SIC/NAICS Code:		311420			
Description:		Other Specialty-Line Food Wholesaler-Distributors			
SIC/NAICS Code:		413190			
18	6 of 6	WSW/85.5	94.2 / 1.31	Juice Concepts Limited 1501 Sieveright Rd Unit 4 Gloucester ON K1T 1M5	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established:		1975			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Fruit and Vegetable Canning, Pickling and Drying			
SIC/NAICS Code:		311420			
Description:		Other Specialty-Line Food Wholesaler-Distributors			
SIC/NAICS Code:		413190			

<u>19</u>	1 of 1	W/88.8	91.9 / -1.00	ON	BORE
Borehole ID:	612567			Inclin FLG:	No
OGF ID:	215513873			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1958			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.356038
Total Depth m:	17.4			Longitude DD:	-75.639947
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449876
Drill Method:				Northing:	5022702
Orig Ground Elev m:	91.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	92				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218391706			Mat Consistency:	Compact
Top Depth:	16.8			Material Moisture:	
Bottom Depth:	17.4			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL. 00057WEATHERED. CLAY. GREY,FIRM. SILT. GREY,COMPACT. BEDROCK. GREY,SOUND. 00000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218391705			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	16.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218391704			Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	0 12.2 Clay	 CLAY.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Idem:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 05075 NTS_Sheet:		
Confiden 1:			

Source List

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

20

1 of 2

W/88.9

91.9 / -1.00

ON

WWIS

Well ID:	1508318	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/6/1958
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1603
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508318.pdf

Bore Hole Information

Bore Hole ID:	10030353	Elevation:	91.958396
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	449875.7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Overburden			North83:	5022702
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/11/1958			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931009361
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 40
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931009362
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 55
Formation End Depth: 57
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931009360
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 40
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508318			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578923			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053358			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508318			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		25			
Recommended Pump Depth:					
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462767			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		57			
Water Found Depth UOM:		ft			
20	2 of 2	W/88.9	91.9 / -1.00	ON	WWIS
Well ID:	1508325			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/5/1962

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1801
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508325.pdf

Bore Hole Information

Bore Hole ID:	10030360	Elevation:	91.958396
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	449875.7
Code OB Desc:	Overburden	North83:	5022702
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/17/1962	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931009376
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	62
Formation End Depth:	66
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931009375
Layer:	1
Color:	
General Color:	
Mat1:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		MEDIUM SAND			
Mat2 Desc:		11			
Mat3:		GRAVEL			
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		62			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508325			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578930			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053370			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		62			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053371			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		66			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508325			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		30			
Recommended Pump Depth:		30			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933462774				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	66				
Water Found Depth UOM:	ft				

<u>21</u>	1 of 1	SSE/100.0	97.9 / 5.00	ON	BORE
Borehole ID:	614835			Inclin FLG:	No
OGF ID:	215515777			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1955			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.354253
Total Depth m:	30.5			Longitude DD:	-75.637246
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	450086
Drill Method:				Northing:	5022502
Orig Ground Elev m:	101			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	95.2				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218399470			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL.				
Geology Stratum ID:	218399471			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	27.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218399472			Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	27.4			Material Moisture:	
Bottom Depth:	30.5			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL. 00100 BLACK. 0001600166. 00105= 4800. BEDROCK. SEISMIC VELOCITY = 13500.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07343 NTS_Sheet:		
Confiden 1:			

Source List

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

22	1 of 1	SSE/100.1	97.9 / 5.00	lot 6 con 4 ON	WWIS
Well ID:	1501846	Data Entry Status:			
Construction Date:		Data Src:	1		
Primary Water Use:	Public	Date Received:	1/30/1956		
Sec. Water Use:	0	Selected Flag:	Yes		
Final Well Status:	Water Supply	Abandonment Rec:			
Water Type:		Contractor:	3566		
Casing Material:		Form Version:	1		
Audit No:		Owner:			
Tag:		Street Name:			
Construction Method:		County:	OTTAWA		
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP		
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:	006		
Well Depth:		Concession:	04		
Overburden/Bedrock:		Concession Name:	RF		
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501846.pdf				

Bore Hole Information

Bore Hole ID:	10023889	Elevation:	95.245841
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	450085.7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Overburden			North83:	5022502
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	9/14/1955			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 930992970
 Layer: 1
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2:
 Mat2 Desc:
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 0
 Formation End Depth: 40
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930992971
 Layer: 2
 Color:
 General Color:
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2:
 Mat2 Desc:
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 40
 Formation End Depth: 90
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930992972
 Layer: 3
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2:
 Mat2 Desc:
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 90
 Formation End Depth: 100
 Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501846			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572459			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040594			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501846			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454572			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100			
Water Found Depth UOM:		ft			
23	1 of 1	SW/104.1	96.5 / 3.67	lot 6 con 4 ON	WWIS
Well ID:	1501853			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Public			Date Received:	10/10/1967

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501853.pdf

Bore Hole Information

Bore Hole ID:	10023896	Elevation:	93.766197
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	449930.7
Code OB Desc:	Overburden	North83:	5022537
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/11/1967	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930992990
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930992991
Layer:	2
Color:	
General Color:	
Mat1:	05

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930992993			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		100			
Formation End Depth:		107			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930992992			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961501853			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572466			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040607			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material: 1 Open Hole or Material: STEEL Depth From: Depth To: 106 Casing Diameter: 6 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991501853 Pump Set At: Static Level: 60 Final Level After Pumping: 65 Recommended Pump Depth: 80 Pumping Rate: 10 Flowing Rate: Recommended Pump Rate: 5 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933454579 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 107 Water Found Depth UOM: ft					
24	1 of 5	NNE/112.0	90.0 / -2.92	R.M. OF OTTAWA-CARLETON - PIKE ST. HUNT CLUB RD./CAHILL DR. OTTAWA CITY ON	CA
Certificate #: 7-0946-92- Application Year: 92 Issue Date: 9/22/1992 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
24	2 of 5	NNE/112.0	90.0 / -2.92	SOUTH KEYS SHOPPING CENTRE INC. CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	CA
Certificate #: 3-1116-95- Application Year: 95 Issue Date: 8/18/1995 Approval Type: Municipal sewage					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		Approved			
24	3 of 5	NNE/112.0	90.0 / -2.92	SOUTH KEYS SHOPPING CENTRE INC. CAHILL DR./HUNT CLUB RD. OTTAWA CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		7-0797-95- 95 8/21/1995 Municipal water Approved			
24	4 of 5	NNE/112.0	90.0 / -2.92	ROGERS CABLE T.V. HUNT CLUB ROAD EAST OF CAHILL DRIVE NORTH YORK SITE 855 YORK MILLS ROAD OTTAWA CITY ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		69286 4/17/1992 OTHER CONTAINER LEAK		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: MOE Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
		ROGERS CABLE- <6L BATTERYACID INTO DITCH WHEN CAR HIT POLE.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	5 of 5	NNE/112.0	90.0 / -2.92	Hunt Club Road and Cahill Drive Ottawa ON	EHS
Order No:	20050721007			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Basic Report			Client Prov/State:	ON
Report Date:	7/29/2005			Search Radius (km):	0.25
Date Received:	7/21/2005			X:	-75.637269
Previous Site Name:				Y:	45.357743
Lot/Building Size:					
Additional Info Ordered:					

25	1 of 1	W/117.9	90.6 / -2.24	1434 Hunt Club Rd Ottawa ON K1T 1M6	EHS
Order No:	20070706012			Nearest Intersection:	Albion Rd
Status:	C			Municipality:	ottawa
Report Type:	CAN - Basic Report			Client Prov/State:	
Report Date:	7/16/2007			Search Radius (km):	0.25
Date Received:	7/6/2007			X:	-75.640456
Previous Site Name:				Y:	45.356123
Lot/Building Size:	1500 m2 lot -2 bldgs				
Additional Info Ordered:	Title Search				

26	1 of 1	N/122.6	88.9 / -4.00	ON	WWIS
Well ID:	1508331			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/13/1959
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1801
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508331.pdf

Bore Hole Information

Bore Hole ID:	10030366	Elevation:	89.123527
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	450010.7
Code OB Desc:	Overburden	North83:	5022932
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	6/4/1959	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931009407			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931009408			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		45			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961508331			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578936			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053381			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		50			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Results of Well Yield Testing

Pump Test ID:	991508331
Pump Set At:	
Static Level:	10
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462780
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

27 1 of 1 N/122.8 88.9 / -4.00 ON BORE

Borehole ID:	612582	Inclin FLG:	No
OGF ID:	215513888	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	JUN-1959	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.358118
Total Depth m:	15.2	Longitude DD:	-75.638247
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	450011
Drill Method:		Northing:	5022932
Orig Ground Elev m:	88.4	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	89.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218391743	Mat Consistency:	Firm
Top Depth:	13.7	Material Moisture:	
Bottom Depth:	15.2	Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Grey Gravel Boulders			Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
GRAVEL. 00050STONE. GREY. 0005058WEATHERED. CLAY. GREY,FIRM. SILT. GREY,LOOSE,DENS **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218391742 0 13.7 Clay Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
CLAY.					
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 05090 NTS_Sheet:					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
28	1 of 5	NW/137.2	88.9 / -4.00	Solera Partnership 1501 Hunt Club Rd Ward 10 Ottawa ON	CA
Certificate #: 3862-6XQJNY Application Year: 2007 Issue Date: 1/25/2007 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
28	2 of 5	NW/137.2	88.9 / -4.00	Solera Partnership 1501 Hunt Club Rd Ward 10 Ottawa ON	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Certificate #: 5187-75MLUZ Application Year: 2007 Issue Date: 8/8/2007 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
28	3 of 5	NW/137.2	88.9 / -4.00	Solera Partnership 1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	ECA
Approval No: 3862-6XQJNY Approval Date: 2007-01-25 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1501 Hunt Club Rd Ward 10 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6150-6XDLDJ-14.pdf					
28	4 of 5	NW/137.2	88.9 / -4.00	Solera Partnership 1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	ECA
Approval No: 2098-6XQJWK Approval Date: 2007-01-25 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-Municipal Drinking Water Systems Project Type: Municipal Drinking Water Systems Address: 1501 Hunt Club Rd Ward 10 Full Address: Full PDF Link:					
28	5 of 5	NW/137.2	88.9 / -4.00	Solera Partnership 1501 Hunt Club Rd Ward 10 Ottawa ON K2G 6B1	ECA
Approval No: 5187-75MLUZ Approval Date: 2007-08-08 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 1501 Hunt Club Rd Ward 10 Full Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/1923-6ZRPS4-14.pdf			

29	1 of 1	WSW/140.3	94.7 / 1.78	lot 6 con 4 ON	WWIS
Well ID:	1513849			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	2/11/1974
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1703
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513849.pdf

Bore Hole Information

Bore Hole ID:	10035831	Elevation:	90.570091
DP2BR:	70	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	449865.7
Code OB Desc:	Bedrock	North83:	5022578
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	9/11/1973	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931024642
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55
Formation End Depth:	70
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931024640			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931024641			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931024643			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		17			
Mat2 Desc:		SHALE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		70			
Formation End Depth:		74			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961513849			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10584401			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930063349			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		70			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930063350			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		74			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991513849			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		14			
Recommended Pump Depth:		35			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		8			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		10			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380284			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641276			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		14			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898747			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099627			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		14			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933469586			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		74			
Water Found Depth UOM:		ft			

30	1 of 1	NE/141.5	91.0 / -1.87	ON	WWIS
Well ID:		1508319		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:		0		Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508319.pdf

Bore Hole Information

Bore Hole ID:		10030354		Elevation:		91.647102	
DP2BR:				Elevrc:			
Spatial Status:				Zone:		18	
Code OB:		o		East83:		450170.7	
Code OB Desc:		Overburden		North83:		5022862	
Open Hole:				Org CS:			
Cluster Kind:				UTMRC:		5	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	5/11/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009363				
Layer:	1				
Color:					
General Color:					
Mat1:	10				
Most Common Material:	COARSE SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	59				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961508319				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10578924				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930053360				
Layer:	2				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:	59				
Casing Diameter:	3				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930053359				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	57				
Casing Diameter:	3				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508319			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462768			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

[31](#) 1 of 1 **SSW/145.9** **98.8 / 5.88** **OTTAWA ON** **WWIS**

Well ID:	7292894	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	8/18/2017
Sec. Water Use:	Monitoring	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z247730	Owner:	
Tag:	A169690	Street Name:	2498 BANK ST.
Construction Method:		County:	OTTAWA
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:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7292894.pdf		

Bore Hole Information

Bore Hole ID:	1006710727	Elevation:	99.944602
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	449961
Code OB Desc:				North83:	5022451
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/3/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1006841238
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 85
Mat2 Desc: SOFT
Mat3: 68
Mat3 Desc: DRY
Formation Top Depth: 0
Formation End Depth: 2.74
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1006841239
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 2.74
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment
Sealing Record

Plug ID: 1006841249
Layer: 3
Plug From:
Plug To:
Plug Depth UOM: m

Annular Space/Abandonment
Sealing Record

Plug ID: 1006841247
Layer: 1
Plug From: 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006841248			
Layer:		2			
Plug From:		0.31			
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006841246			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1006841237			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006841242			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:					
Casing Diameter:		5.7			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006841243			
Layer:		1			
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1006841241			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1006841240			
Diameter:		11.43			
Depth From:		0			
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

32	1 of 1	W/172.2	90.7 / -2.19	ON	WWIS
--------------------	--------	---------	--------------	----	------

Well ID:	1508329	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/19/1965
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1603
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508329.pdf

Bore Hole Information

Bore Hole ID:	10030364	Elevation:	90.723014
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	449800.7
Code OB Desc:	Overburden	North83:	5022662
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/5/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	931009385
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	18				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931009386				
Layer:	2				
Color:					
General Color:					
Mat1:	13				
Most Common Material:	BOULDERS				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:	11				
Mat3 Desc:	GRAVEL				
Formation Top Depth:	18				
Formation End Depth:	72				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961508329				
Method Construction Code:	8				
Method Construction:	Jetting				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10578934				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930053377				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	62				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930053378				
Layer:	2				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:	72				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

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

Results of Well Yield Testing

Pump Test ID: 991508329
Pump Set At:
Static Level: 11
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462778
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72
Water Found Depth UOM: ft

<u>33</u>	1 of 1	SW/173.1	96.9 / 4.00	1501 Sieveright Road Ottawa ON K1T 1M5	EHS
---------------------------	--------	-----------------	--------------------	---	------------

Order No: 20050520017 Status: C Report Type: Report Date: 5/31/2005 Date Received: 5/20/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered:	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.639998 Y: 45.354253
---	--

<u>34</u>	1 of 1	ENE/185.0	92.7 / -0.23	Magenn Power Inc. 18 Monet Crt Ottawa ON K1T 4B6	SCT
---------------------------	--------	------------------	---------------------	---	------------

Established: 2004
Plant Size (ft²):
Employment:

--Details--

Description: SIC/NAICS Code:	Turbine and Turbine Generator Set Unit Manufacturing 333611
Description: SIC/NAICS Code:	Research and Development in the Physical, Engineering and Life Sciences 541710

<u>35</u>	1 of 1	SW/187.1	98.7 / 5.81	ON	BORE
---------------------------	--------	-----------------	--------------------	-----------	-------------

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	612536			Inclin FLG:	No
OGF ID:	215513842			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	MAY-1956			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.3537
Total Depth m:	41.5			Longitude DD:	-75.639602
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449901
Drill Method:				Northing:	5022442
Orig Ground Elev m:	100			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	99.1				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218391627	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	14	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Gravel	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218391628	Mat Consistency:	
Top Depth:	14	Material Moisture:	
Bottom Depth:	17.7	Material Texture:	
Material Color:	Blue	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218391629	Mat Consistency:	
Top Depth:	17.7	Material Moisture:	
Bottom Depth:	36.6	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Gravel	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218391630	Mat Consistency:	Dense
Top Depth:	36.6	Material Moisture:	
Bottom Depth:	41.5	Material Texture:	
Material Color:	Black	Non Geo Mat Type:	
Material 1:	Shale	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description:		SHALE. BLACK. 00130 CLAY. BROWN,GREY,STIFF. UNSPECIFIED. VERY DENSE. 00000 020 00062 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 05044 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

36	1 of 1	SW/187.2	98.7 / 5.81	lot 6 con 4 ON	WWIS
Well ID:	1501848			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Public			Date Received:	6/6/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3113
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501848.pdf

Bore Hole Information

Bore Hole ID:	10023891	Elevation:	99.090789
DP2BR:	120	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	449900.7
Code OB Desc:	Bedrock	North83:	5022442
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/2/1956	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 930992976
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 46
Formation End Depth: 58
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930992975
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 46
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930992977
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3: 14
Mat3 Desc: HARDPAN
Formation Top Depth: 58
Formation End Depth: 120
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930992978
Layer: 4
Color: 8

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		120			
Formation End Depth:		136			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501848			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572461			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040599			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		136			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040598			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		120			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501848			
Pump Set At:					
Static Level:		32			
Final Level After Pumping:		42			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 0 Pumping Duration MIN: 30 Flowing: No					
<u>Water Details</u>					
Water ID: 933454574 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 130 Water Found Depth UOM: ft					
37	1 of 3	WSW/189.3	93.9 / 1.05	SUNRISE PONTIAC BUICK INC. 2575 BANK ST., LOT 6/C-IV, SWN GLOUCESTER CITY ON K1T 1M8	CA
Certificate #: 3-0650-97- Application Year: 97 Issue Date: 6/24/1997 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
37	2 of 3	WSW/189.3	93.9 / 1.05	SUNRISE PONTIAC BUICK GMC LIMITED 2575 BANK STREET GLOUCESTER CITY ON K1T 1M8	CA
Certificate #: 8-4218-97- Application Year: 97 Issue Date: 1/30/1998 Approval Type: Industrial air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: WASTE DERIVED FUEL FUR. CB-3500 & 2800 Contaminants: Emission Control:					
37	3 of 3	WSW/189.3	93.9 / 1.05	Sunrise Pontiac Buick GMC Limited 2575 Bank Street GLOUCESTER ON	EBR
EBR Registry No: IA7E1861 Ministry Ref No: 8421897 19971216 Notice Type: Instrument Decision Notice Stage: 800469984 Notice Date: January 30, 1998 Decision Posted: Exception Posted: Section: Act 1: Act 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Proposal Date:	December 22, 1997			Site Location Map:	
Year:	1997				
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:	Sunrise Pontiac Buick GMC Limited				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	2575 Bank Street, Gloucester Ontario, K1V 0W8				
Comment Period:					
URL:					
Site Location Details:					
2575 Bank Street GLOUCESTER					

38	1 of 1	ESE/190.5	99.9 / 7.00	MINTO DEVELOPMENTS INC. BRIGHAM WAY/APPLE HILL DRIVE GLOUCESTER CITY ON	CA
Certificate #:	7-0537-99-				
Application Year:	99				
Issue Date:	7/16/1999				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

39	1 of 1	WSW/194.1	99.9 / 3.05	lot 6 con 4 ON	WWIS
Well ID:	1501852			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	11/30/1965
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501852.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10023895			Elevation:	95.723228
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	449835.7
Code OB Desc:	Overburden			North83:	5022522
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/29/1965			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930992986				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930992987				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	30				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930992988				
Layer:	3				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		93			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930992989			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		93			
Formation End Depth:		97			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501852			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572465			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040605			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		93			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040606			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		97			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

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

Results of Well Yield Testing

Pump Test ID: 991501852
Pump Set At:
Static Level: 25
Final Level After Pumping: 35
Recommended Pump Depth: 60
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454578
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
Water Found Depth UOM: ft

40	1 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK STREET GLOUCESTER ON K1T 1M9	GEN
--------------------	---------	-----------	-------------	--	-----

Generator No: ON1133304 Status: Approval Years: 95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 6311 SIC Description: NEW AUTO DEALERS	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
--	---

Detail(s)

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

40	2 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING LIMITED 2600 BANK STREET GLOUCESTER ON K1T 1M9	GEN
--------------------	---------	-----------	-------------	--	-----

Generator No: ON1133304 Status: Approval Years: 99,00,01,02,03,04,05 Contam. Facility: MHSW Facility: SIC Code: 6311 SIC Description: NEW AUTO DEALERS	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
---	---

Detail(s)

Waste Class: 251

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
40	3 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING NANCY CHAN 2600 BANK ST GLOUCESTER ON K1T 1M9	FSTH
License Issue Date:		4/4/1995			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1995			
Corrosion Protection:					
Capacity:		15000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
40	4 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING NANCY CHAN 2600 BANK ST GLOUCESTER ON K1T 1M9	FSTH
License Issue Date:		4/4/1995			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1995			
Corrosion Protection:					
Capacity:		15000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
40	5 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:		ON6668018		PO Box No:	
Status:				Country:	
Approval Years:		07,08		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		532111			
SIC Description:		Passenger Car Rental			
Detail(s)					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	6 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON	GEN
Generator No:	ON6668018			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	532111				
SIC Description:	Passenger Car Rental				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
40	7 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON	GEN
Generator No:	ON6668018			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	532111				
SIC Description:	Passenger Car Rental				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
40	8 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON	GEN
Generator No:	ON6668018			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	532111				
SIC Description:	Passenger Car Rental				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
40	9 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING NANCY CHAN 2600 BANK ST GLOUCESTER ON K1T 1M9	FST
Instance No:	11314349				
Cont Name:					
Instance Type:	FS Liquid Fuel Tank				
Fuel Type:	Gasoline				
Status:	Active				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity:		15000			
Tank Material:		Steel			
Corrosion Protection:		Sacrificial anode			
Tank Type:		Single Wall UST			
Install Year:		1995			
Parent Facility Type:		Fuels Safety Private Fuel Outlet - Self Serve			
Facility Type:		FS Liquid Fuel Tank			
40	10 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:		ON6668018		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		532111			
SIC Description:		Passenger Car Rental			
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
40	11 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON	GEN
Generator No:		ON6668018		PO Box No:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		532111			
SIC Description:					
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
40	12 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:		ON6668018		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:		532111			
SIC Description:		532111			
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	13 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:	ON6668018			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:	532111				
SIC Description:	532111				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
40	14 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:	ON6668018			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:	532111				
SIC Description:	532111				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
40	15 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:	ON6668018			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
40	16 of 16	SSW/200.1	99.9 / 7.03	SURGENOR NATIONAL LEASING LTD. 2600 BANK ST. OTTAWA ON K1T 1M9	GEN
Generator No:	ON6668018			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Apr 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					

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

SIC Description:

Detail(s)

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

41	1 of 1	WSW/209.5	94.9 / 2.00	ON	BORE
--------------------	--------	-----------	-------------	----	------

Borehole ID:	612546	Inclin FLG:	No
OGF ID:	215513852	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	DEC-1955	Municipality:	
Static Water Level:	17.1	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.354369
Total Depth m:	42.7	Longitude DD:	-75.640631
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	449821
Drill Method:		Northing:	5022517
Orig Ground Elev m:	94.5	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	95.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218391652	Mat Consistency:	Dense
Top Depth:	28	Material Moisture:	
Bottom Depth:	42.7	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00137ABLE AT 254.0 FEET.30 CLAY. BROWN,GREY,STIFF. UNSPECIFIED. VERY DENSE.		

Geology Stratum ID:	218391651	Mat Consistency:	Hard
Top Depth:	0	Material Moisture:	
Bottom Depth:	28	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:		Geologic Formation:	
Material 2:	Boulders	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	HARDPAN.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA2.txt RecordID: 05054 NTS_Sheet:			
Confiden 1:					
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

42	1 of 1	WSW/209.6	94.9 / 2.00	lot 6 con 4 ON	WWIS
Well ID:	1501847			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/30/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501847.pdf

Bore Hole Information

Bore Hole ID:	10023890	Elevation:	95.931777
DP2BR:	92	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	449820.7
Code OB Desc:	Bedrock	North83:	5022517
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/14/1955	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930992974
Layer:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		92			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930992973			
Layer:		1			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		92			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961501847			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572460			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040597			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		140			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040595			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		82			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040596			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		92			
Casing Diameter:		3			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501847			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		55			
Recommended Pump Depth:					
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454573			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		137			
Water Found Depth UOM:		ft			
43	1 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 BANK STREET GLOUCESTER CITY ON K1T 1M9	CA
Certificate #:		8-4006-94-			
Application Year:		94			
Issue Date:		3/9/1994			
Approval Type:		Industrial air			
Status:		Cancelled			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		ETHYLENE OXIDE STERILIZER			
Contaminants:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:					
43	2 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 BANK STREET GLOUCESTER ON K1T 1M9	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	86,87			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0211				
SIC Description:	VETERINARY SERVICE				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
43	3 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 BANK STREET GLOUCESTER ON K1T 1M9	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	88,89,90,99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0211				
SIC Description:	VETERINARY SERVICE				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
43	4 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 02-155 2616 BANK STREET GLOUCESTER ON K1T 1M9	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	0211	VETERINARY SERVICE		Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
43	5 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD 2616 BANK STREET GLOUCESTER ON K1T 1M9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0752000 97,98 0211	VETERINARY SERVICE		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
43	6 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0752000 2009 541940	Veterinary Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

43	7 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				

Detail(s)

Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

43	8 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON K1T 1M9	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:	Testing Laboratories				

Detail(s)

Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
43	9 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON K1T 1M9	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:	Testing Laboratories				
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
43	10 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
43	11 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON0752000			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
<u>Detail(s)</u>					
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
43	12 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON K1T 1M9	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:	Testing Laboratories				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
43	13 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:	TESTING LABORATORIES				

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

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

[43](#) 14 of 24 **SSW/209.9** 100.1 / 7.20 **ALTA VISTA ANIMAL HOSPITAL LTD.**
2616 Bank Street
Ottawa ON **GEN**

Generator No: ON0752000 **PO Box No:**
Status: **Country:**
Approval Years: 2013 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 541940
SIC Description: VETERINARY SERVICES

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

[43](#) 15 of 24 **SSW/209.9** 100.1 / 7.20 **ALTA VISTA ANIMAL HOSPITAL LTD.**
2616 Bank Street
Ottawa ON K1T 1M9 **GEN**

Generator No: ON0752000 **PO Box No:**
Status: **Country:** Canada
Approval Years: 2015 **Choice of Contact:** CO_ADMIN
Contam. Facility: No **Co Admin:** Tina M Burton
MHSW Facility: No **Phone No Admin:** 6137316851 Ext.
SIC Code: 541940
SIC Description: VETERINARY SERVICES

Detail(s)

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

Waste Class: 264

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

[43](#) 16 of 24 **SSW/209.9** 100.1 / 7.20 **Antech Diagnostics**
2616 Bank St.
Ottawa ON K1T 1M9 **GEN**

Generator No:	ON3748406	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Faye Maruya
MHSW Facility:	No	Phone No Admin:	613-521-1228 Ext.
SIC Code:	541380		
SIC Description:	TESTING LABORATORIES		

Detail(s)

Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

[43](#) 17 of 24 **SSW/209.9** 100.1 / 7.20 **ALTA VISTA ANIMAL HOSPITAL LTD.**
2616 Bank Street
Ottawa ON K1T 1M9 **GEN**

Generator No:	ON0752000	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_ADMIN
Contam. Facility:	No	Co Admin:	Tina M Burton
MHSW Facility:	No	Phone No Admin:	6137316851 Ext.
SIC Code:	541940		
SIC Description:	VETERINARY SERVICES		

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

43	18 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON K1T 1M9	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Faye Maruya
MHSW Facility:	No			Phone No Admin:	613-521-1228 Ext.
SIC Code:	541380				
SIC Description:	TESTING LABORATORIES				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

43	19 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON K1T 1M9	GEN
Generator No:	ON0752000			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Tina M Burton
MHSW Facility:	No			Phone No Admin:	6137316851 Ext.
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
Detail(s)					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	20 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics 2616 Bank St. Ottawa ON K1T 1M9	GEN
Generator No:	ON3748406			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Faye Maruya
MHSW Facility:	No			Phone No Admin:	613-521-1228 Ext.
SIC Code:	541380				
SIC Description:	TESTING LABORATORIES				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
43	21 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON K1T 1M9	GEN
Generator No:	ON0752000			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	122 C				
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	263 C				
Waste Class Desc:	Misc. waste organic chemicals				
Waste Class:	263 I				
Waste Class Desc:	Misc. waste organic chemicals				
Waste Class:	264 C				
Waste Class Desc:	Photoprocessing wastes				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
43	22 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics Ottawa 2616 Bank St. Ottawa ON K1T 1M9	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Generator No: ON3748406 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:</p> <p>PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:</p>					
<u>Detail(s)</u>					
<p>Waste Class: 261 A Waste Class Desc: Pharmaceuticals</p> <p>Waste Class: 312 P Waste Class Desc: Pathological wastes</p>					
43	23 of 24	SSW/209.9	100.1 / 7.20	Antech Diagnostics Ottawa 2616 Bank St. Ottawa ON K1T 1M9	GEN
<p>Generator No: ON3748406 Status: Registered Approval Years: As of Apr 2020 Contam. Facility: MHSW Facility: SIC Code: SIC Description:</p> <p>PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:</p>					
<u>Detail(s)</u>					
<p>Waste Class: 312 P Waste Class Desc: Pathological wastes</p> <p>Waste Class: 261 A Waste Class Desc: Pharmaceuticals</p>					
43	24 of 24	SSW/209.9	100.1 / 7.20	ALTA VISTA ANIMAL HOSPITAL LTD. 2616 Bank Street Ottawa ON K1T 1M9	GEN
<p>Generator No: ON0752000 Status: Registered Approval Years: As of Apr 2020 Contam. Facility: MHSW Facility: SIC Code: SIC Description:</p> <p>PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:</p>					
<u>Detail(s)</u>					
<p>Waste Class: 263 C Waste Class Desc: Misc. waste organic chemicals</p> <p>Waste Class: 263 I Waste Class Desc: Misc. waste organic chemicals</p> <p>Waste Class: 252 L Waste Class Desc: Waste crankcase oils and lubricants</p> <p>Waste Class: 264 C Waste Class Desc: Photoprocessing wastes</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			

44	1 of 1	ENE/214.5	92.9 / 0.05	City of Ottawa 2995 and 2997 Courtyard Crescent Ottawa ON	SPL
Ref No:	2711-BCFLYK			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	5/23/2019			Health/Env Conseq:	0 - No Impact
Year:				Client Type:	Municipal Government
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Dumping			Agency Involved:	
Contaminant Code:	41			Nearest Watercourse:	
Contaminant Name:	PAINT AND PIGMENT WASTES			Site Address:	2995 and 2997 Courtyard Crescent
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/23/2019			Site Map Datum:	
Dt Document Closed:	5/31/2019			SAC Action Class:	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason:	Unknown / N/A			Source Type:	Container/Drum/Tote
Site Name:	Private residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Contractors dumping paint to catch basin				
Contaminant Qty:	0 L				

45	1 of 2	SSE/246.7	99.9 / 7.00	lot 7 con 4 ON	WWIS
Well ID:	1501864			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	3/20/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3113
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	007
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501864.pdf

Bore Hole Information

Bore Hole ID:	10023907	Elevation:	98.108085
DP2BR:	102	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450170.7
Code OB Desc:	Bedrock	North83:	5022382
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	3/8/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930993023
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930993024
Layer:	2
Color:	2
General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45
Formation End Depth:	102
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		930993025			
Layer:		3			
Color:		8			
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		102			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501864			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572477			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040622			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040621			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		105			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501864			
Pump Set At:					
Static Level:		24			
Final Level After Pumping:		27			
Recommended Pump Depth:					
Pumping Rate:		6			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
Water Details					
Water ID:		933454588			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		145			
Water Found Depth UOM:		ft			

45	2 of 2	SSE/246.7	99.9 / 7.00	2655 Bank Street Ottawa ON K1T 1N1	CA
Certificate #:					
Application Year:					
Issue Date:					
Approval Type:		Industrial air			
Status:		Returned			
Application Type:		New Certificate of Approval			
Client Name:		Hunt Club Volkswagen Inc.			
Client Address:		2655 Bank Street			
Client City:		Ottawa			
Client Postal Code:		K1T 1N1			
Project Description:					
Contaminants:					
Emission Control:					

46	1 of 1	W/247.3	89.8 / -3.04	ON	WWIS
Well ID:	1508321			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/14/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
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:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508321.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10030356			Elevation:	88.660301
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	449730.7
Code OB Desc:	Overburden			North83:	5022622
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/23/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009366				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	70				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009367				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	70				
Formation End Depth:	82				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961508321				
Method Construction Code:	8				
Method Construction:	Jetting				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10578926			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053365			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		82			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053364			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		73			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508321			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		30			
Recommended Pump Depth:		30			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		8			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933462770			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		81			
Water Found Depth UOM:		ft			

47	1 of 2	SSW/258.6	100.7 / 7.86	1055766 ONTARIO LIMITED 2582 BANK ST.,PT.LOT 19 & 7/C4 GLOUCESTER CITY ON K1T 1M9	CA
--------------------	--------	-----------	--------------	---	----

Certificate #: 3-1501-94-

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Year:		94			
Issue Date:		12/23/1994			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

47	2 of 2	SSW/258.6	100.7 / 7.86	SURGENOR NATIONAL LEASING PAT MCGURN 2582 BANK ST GLOUCESTER ON K1T 1M9	PRT
Location ID:		29899			
Type:		private			
Expiry Date:					
Capacity (L):		15000.00			
Licence #:		0076439645			

48	1 of 1	SW/262.8	95.9 / 3.00	lot 6 con 4 ON	WWIS
Well ID:		1501849		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	11/14/1961
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1801
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501849.pdf			

Bore Hole Information

Bore Hole ID:	10023892	Elevation:	95.906242
DP2BR:	2	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	449805.7
Code OB Desc:	Bedrock	North83:	5022437
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/18/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930992979			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930992980			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961501849			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572462			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040601			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		65			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040600			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501849			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		20			
Recommended Pump Depth:		30			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454575			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55			
Water Found Depth UOM:		ft			

[49](#) 1 of 1 SSE/263.9 99.9 / 7.00 lot 7 con 4 ON WWIS

Well ID:	1513272	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Commerical	Date Received:	6/18/1973
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3504
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	007
Well Depth:		Concession:	04

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513272.pdf

Bore Hole Information

Bore Hole ID:	10035259	Elevation:	98.825431
DP2BR:	114	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450170.7
Code OB Desc:	Bedrock	North83:	5022362
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	5/29/1973	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931022896
Layer:	5
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	114
Formation End Depth:	120
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931022894
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	97
Formation End Depth:	106
Formation End Depth UOM:	ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			931022895		
Layer:			4		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			106		
Formation End Depth:			114		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931022892		
Layer:			1		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			66		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931022893		
Layer:			2		
Color:					
General Color:					
Mat1:			28		
Most Common Material:			SAND		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			66		
Formation End Depth:			97		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:			961513272		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10583829		
Casing No:			1		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930062480			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		114			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930062481			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991513272			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:		42			
Recommended Pump Depth:		70			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		48			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896992			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639093			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		35			
Test Level UOM:		ft			

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

Draw Down & Recovery

Pump Test Detail ID: 934098979
Test Type: Recovery
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378512
Test Type: Recovery
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Water Details

Water ID: 933468791
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 120
Water Found Depth UOM: ft

Water Details

Water ID: 933468790
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 117
Water Found Depth UOM: ft

50 1 of 1 S/276.1 97.4 / 4.56 lot 7 con 4 ON **WWIS**

Well ID: 1501890	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Irrigation	Date Received: 5/25/1961
Sec. Water Use: 0	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 3701
Casing Material:	Form Version: 1
Audit No:	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA
Elevation (m):	Municipality: GLOUCESTER TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 007
Well Depth:	Concession: 04
Overburden/Bedrock:	Concession Name: RF
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501890.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10023933			Elevation:	96.057693
DP2BR:	106			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	450045.7
Code OB Desc:	Bedrock			North83:	5022307
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	5/10/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID:	930993086
Layer:	2
Color:	
General Color:	
Mat1:	06
Most Common Material:	SILT
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50
Formation End Depth:	106
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	930993087
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	106
Formation End Depth:	600
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	930993085
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501890			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572503			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040674			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		600			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930040673			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		108			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501890			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		120			
Recommended Pump Depth:		120			
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:		30			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			

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

Water Details

Water ID: 933454616
Layer: 3
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 590
Water Found Depth UOM: ft

Water Details

Water ID: 933454614
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 200
Water Found Depth UOM: ft

Water Details

Water ID: 933454615
Layer: 2
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 400
Water Found Depth UOM: ft

51	1 of 1	NW/283.8	87.9 / -5.00	90 Patola Private Ottawa ON	SPL
Ref No:	4056-BDDJ9X			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	6/22/2019			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	90 Patola Private
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/22/2019			Site Map Datum:	
Dt Document Closed:	6/29/2019			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	Enbridge: 1/2 " copper pipe<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA/Enbridge: 1/2 " copper pipe leak				
Contaminant Qty:	0 other - see incident description				

52	1 of 3	SE/286.4	99.9 / 7.00	2677 Bank Street Ottawa ON	EHS
--------------------	--------	----------	-------------	-------------------------------	-----

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20080610019 Status: C Report Type: Complete Report Report Date: 6/18/2008 Date Received: 6/10/2008 Previous Site Name: Lot/Building Size: lot is 4100 square metres Additional Info Ordered:					
Nearest Intersection: Hank Rivers Drive Municipality: Client Prov/State: AB Search Radius (km): 0.25 X: -75.63529 Y: 45.35313					
52	2 of 3	SE/286.4	99.9 / 7.00	2677 Bank St Ottawa ON	EHS
Order No: 20100428010 Status: C Report Type: Standard Report Report Date: 5/6/2010 Date Received: 4/28/2010 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.635571 Y: 45.352884					
52	3 of 3	SE/286.4	99.9 / 7.00	TAPLEN CONSTRUCTION 2677 BANK ST GLOUCESTER ON	EXP
Instance No: 10163262 Instance ID: 13045 Instance Type: FS Facility Description: Fuels Safety Private Fuel Outlet - Self Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
53	1 of 1	SE/287.5	99.9 / 7.00	lot 7 con 4 ON	WWIS
Well ID: 1501855 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: 1 Date Received: 1/5/1951 Selected Flag: Yes Abandonment Rec: Contractor: 1114 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info: Lot: 007 Concession: 04 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501855.pdf					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
----------------	--------------------------	--------------------------------	----------------------	-------------	-----------

Bore Hole Information

Bore Hole ID:	10023898	Elevation:	98.921882
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	450225.7
Code OB Desc:	Overburden	North83:	5022367
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/30/1950	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930992997
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930992999
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50
Formation End Depth:	51
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930992998
Layer:	2
Color:	2
General Color:	GREY
Mat1:	07
Most Common Material:	QUICKSAND

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961501855			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10572468			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930040609			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991501855			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454581			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		16			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB																																																																																
54	1 of 1	SE/294.4	99.9 / 7.00	lot 7 con 4 ON	WWIS																																																																																
<table border="0"> <tr> <td>Well ID:</td> <td>1513269</td> <td>Data Entry Status:</td> <td></td> </tr> <tr> <td>Construction Date:</td> <td></td> <td>Data Src:</td> <td>1</td> </tr> <tr> <td>Primary Water Use:</td> <td></td> <td>Date Received:</td> <td>6/18/1973</td> </tr> <tr> <td>Sec. Water Use:</td> <td></td> <td>Selected Flag:</td> <td>Yes</td> </tr> <tr> <td>Final Well Status:</td> <td>Abandoned-Supply</td> <td>Abandonment Rec:</td> <td></td> </tr> <tr> <td>Water Type:</td> <td></td> <td>Contractor:</td> <td>3504</td> </tr> <tr> <td>Casing Material:</td> <td></td> <td>Form Version:</td> <td>1</td> </tr> <tr> <td>Audit No:</td> <td></td> <td>Owner:</td> <td></td> </tr> <tr> <td>Tag:</td> <td></td> <td>Street Name:</td> <td></td> </tr> <tr> <td>Construction Method:</td> <td></td> <td>County:</td> <td>OTTAWA</td> </tr> <tr> <td>Elevation (m):</td> <td></td> <td>Municipality:</td> <td>GLOUCESTER TOWNSHIP</td> </tr> <tr> <td>Elevation Reliability:</td> <td></td> <td>Site Info:</td> <td></td> </tr> <tr> <td>Depth to Bedrock:</td> <td></td> <td>Lot:</td> <td>007</td> </tr> <tr> <td>Well Depth:</td> <td></td> <td>Concession:</td> <td>04</td> </tr> <tr> <td>Overburden/Bedrock:</td> <td></td> <td>Concession Name:</td> <td>RF</td> </tr> <tr> <td>Pump Rate:</td> <td></td> <td>Easting NAD83:</td> <td></td> </tr> <tr> <td>Static Water Level:</td> <td></td> <td>Northing NAD83:</td> <td></td> </tr> <tr> <td>Flowing (Y/N):</td> <td></td> <td>Zone:</td> <td></td> </tr> <tr> <td>Flow Rate:</td> <td></td> <td>UTM Reliability:</td> <td></td> </tr> <tr> <td>Clear/Cloudy:</td> <td></td> <td></td> <td></td> </tr> </table>						Well ID:	1513269	Data Entry Status:		Construction Date:		Data Src:	1	Primary Water Use:		Date Received:	6/18/1973	Sec. Water Use:		Selected Flag:	Yes	Final Well Status:	Abandoned-Supply	Abandonment Rec:		Water Type:		Contractor:	3504	Casing Material:		Form Version:	1	Audit No:		Owner:		Tag:		Street Name:		Construction Method:		County:	OTTAWA	Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP	Elevation Reliability:		Site Info:		Depth to Bedrock:		Lot:	007	Well Depth:		Concession:	04	Overburden/Bedrock:		Concession Name:	RF	Pump Rate:		Easting NAD83:		Static Water Level:		Northing NAD83:		Flowing (Y/N):		Zone:		Flow Rate:		UTM Reliability:		Clear/Cloudy:			
Well ID:	1513269	Data Entry Status:																																																																																			
Construction Date:		Data Src:	1																																																																																		
Primary Water Use:		Date Received:	6/18/1973																																																																																		
Sec. Water Use:		Selected Flag:	Yes																																																																																		
Final Well Status:	Abandoned-Supply	Abandonment Rec:																																																																																			
Water Type:		Contractor:	3504																																																																																		
Casing Material:		Form Version:	1																																																																																		
Audit No:		Owner:																																																																																			
Tag:		Street Name:																																																																																			
Construction Method:		County:	OTTAWA																																																																																		
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP																																																																																		
Elevation Reliability:		Site Info:																																																																																			
Depth to Bedrock:		Lot:	007																																																																																		
Well Depth:		Concession:	04																																																																																		
Overburden/Bedrock:		Concession Name:	RF																																																																																		
Pump Rate:		Easting NAD83:																																																																																			
Static Water Level:		Northing NAD83:																																																																																			
Flowing (Y/N):		Zone:																																																																																			
Flow Rate:		UTM Reliability:																																																																																			
Clear/Cloudy:																																																																																					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513269.pdf																																																																																			
<u>Bore Hole Information</u>																																																																																					
<table border="0"> <tr> <td>Bore Hole ID:</td> <td>10035256</td> <td>Elevation:</td> <td>99.02732</td> </tr> <tr> <td>DP2BR:</td> <td>112</td> <td>Elevrc:</td> <td></td> </tr> <tr> <td>Spatial Status:</td> <td></td> <td>Zone:</td> <td>18</td> </tr> <tr> <td>Code OB:</td> <td>r</td> <td>East83:</td> <td>450230.7</td> </tr> <tr> <td>Code OB Desc:</td> <td>Bedrock</td> <td>North83:</td> <td>5022362</td> </tr> <tr> <td>Open Hole:</td> <td></td> <td>Org CS:</td> <td></td> </tr> <tr> <td>Cluster Kind:</td> <td></td> <td>UTMRC:</td> <td>4</td> </tr> <tr> <td>Date Completed:</td> <td>5/8/1973</td> <td>UTMRC Desc:</td> <td>margin of error : 30 m - 100 m</td> </tr> <tr> <td>Remarks:</td> <td></td> <td>Location Method:</td> <td>p4</td> </tr> <tr> <td>Elevrc Desc:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Location Source Date:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Improvement Location Source:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Improvement Location Method:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Source Revision Comment:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supplier Comment:</td> <td></td> <td></td> <td></td> </tr> </table>						Bore Hole ID:	10035256	Elevation:	99.02732	DP2BR:	112	Elevrc:		Spatial Status:		Zone:	18	Code OB:	r	East83:	450230.7	Code OB Desc:	Bedrock	North83:	5022362	Open Hole:		Org CS:		Cluster Kind:		UTMRC:	4	Date Completed:	5/8/1973	UTMRC Desc:	margin of error : 30 m - 100 m	Remarks:		Location Method:	p4	Elevrc Desc:				Location Source Date:				Improvement Location Source:				Improvement Location Method:				Source Revision Comment:				Supplier Comment:																							
Bore Hole ID:	10035256	Elevation:	99.02732																																																																																		
DP2BR:	112	Elevrc:																																																																																			
Spatial Status:		Zone:	18																																																																																		
Code OB:	r	East83:	450230.7																																																																																		
Code OB Desc:	Bedrock	North83:	5022362																																																																																		
Open Hole:		Org CS:																																																																																			
Cluster Kind:		UTMRC:	4																																																																																		
Date Completed:	5/8/1973	UTMRC Desc:	margin of error : 30 m - 100 m																																																																																		
Remarks:		Location Method:	p4																																																																																		
Elevrc Desc:																																																																																					
Location Source Date:																																																																																					
Improvement Location Source:																																																																																					
Improvement Location Method:																																																																																					
Source Revision Comment:																																																																																					
Supplier Comment:																																																																																					
<u>Overburden and Bedrock</u>																																																																																					
<u>Materials Interval</u>																																																																																					
<table border="0"> <tr> <td>Formation ID:</td> <td>931022881</td> </tr> <tr> <td>Layer:</td> <td>4</td> </tr> <tr> <td>Color:</td> <td></td> </tr> <tr> <td>General Color:</td> <td></td> </tr> <tr> <td>Mat1:</td> <td>11</td> </tr> <tr> <td>Most Common Material:</td> <td>GRAVEL</td> </tr> <tr> <td>Mat2:</td> <td></td> </tr> <tr> <td>Mat2 Desc:</td> <td></td> </tr> <tr> <td>Mat3:</td> <td></td> </tr> <tr> <td>Mat3 Desc:</td> <td></td> </tr> <tr> <td>Formation Top Depth:</td> <td>104</td> </tr> <tr> <td>Formation End Depth:</td> <td>112</td> </tr> <tr> <td>Formation End Depth UOM:</td> <td>ft</td> </tr> </table>						Formation ID:	931022881	Layer:	4	Color:		General Color:		Mat1:	11	Most Common Material:	GRAVEL	Mat2:		Mat2 Desc:		Mat3:		Mat3 Desc:		Formation Top Depth:	104	Formation End Depth:	112	Formation End Depth UOM:	ft																																																						
Formation ID:	931022881																																																																																				
Layer:	4																																																																																				
Color:																																																																																					
General Color:																																																																																					
Mat1:	11																																																																																				
Most Common Material:	GRAVEL																																																																																				
Mat2:																																																																																					
Mat2 Desc:																																																																																					
Mat3:																																																																																					
Mat3 Desc:																																																																																					
Formation Top Depth:	104																																																																																				
Formation End Depth:	112																																																																																				
Formation End Depth UOM:	ft																																																																																				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931022879		
Layer:			2		
Color:					
General Color:					
Mat1:			28		
Most Common Material:			SAND		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			58		
Formation End Depth:			95		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931022882		
Layer:			5		
Color:					
General Color:					
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			112		
Formation End Depth:			297		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931022880		
Layer:			3		
Color:					
General Color:					
Mat1:			28		
Most Common Material:			SAND		
Mat2:			11		
Mat2 Desc:			GRAVEL		
Mat3:			05		
Mat3 Desc:			CLAY		
Formation Top Depth:			95		
Formation End Depth:			104		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931022878		
Layer:			1		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			58		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961513269		
Method Construction Code:			4		
Method Construction:			Rotary (Air)		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10583826		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930062476		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			297		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930062475		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			117		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991513269		
Pump Set At:					
Static Level:			22		
Final Level After Pumping:			280		
Recommended Pump Depth:					
Pumping Rate:			2		
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			2		
Water State After Test:			CLOUDY		
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			No		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
----------------	--------------------------	--------------------------------	----------------------	-------------	-----------

Water Details

Water ID: 933468785
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 200
Water Found Depth UOM: ft

Unplottable Summary

Total: **99** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	

CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Visser Manufacturing Ltd.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	CITY	BANK ST.	GLOUCESTER CITY ON
CA	Issam Development Ltd.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.	Blocks 5 & 6, Concessions 1 & 2	Ottawa ON
CA	OTTO & BRYDEN ARCHITECTS	CAHILL DR.	OTTAWA ON
CA	CITY	CAHILL DR.	OTTAWA ON
CA	CITY	CAHILL DR.	OTTAWA ON

CA	1202574 ONTARIO INC.	SAWMILL RIDGE SUB/HUNT CLUB RD	GLOUCESTER CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON
CA	MINTO DEVELOPMENTS INC.	SABLE RIDGE DR./QUAIL RUN	GLOUCESTER CITY ON
CA	MINTO DEVELOPMENTS INC.	SABLE RIDGE DR./QUAIL RUN	GLOUCESTER CITY ON
CA	MINTO DEVELOPMENTS INC.	SABLE RIDGE DR./QUAIL RUN	GLOUCESTER CITY ON
CA	IBER DEVELOPMENTS INC.	ROSEGARDEN CRESCENT	OTTAWA CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD FEEDERMAIN	OTTAWA CITY ON
CA	OTTAWA CITY	HUNT CLUB RD./S.E. TRANSITWAY	OTTAWA CITY ON
CA	R.J. NICOL CONSTRUCTION (1975) LTD.	PRIVATE/HUNT CLUB COURT	OTTAWA CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB RD.	OTTAWA CITY ON
CA	THE DOUGLAS MACDONALD DEV. CORP.	COMMERCIAL PLAZA BANK STREET	OTTAWA CITY ON
CA	MINISTRY OF TRANSPORTATION	HIGHWAY #31, LAT. CATCHBASINS	OTTAWA CITY ON
CA	MINTO DEVELOPMENTS INC.	SABLE RIDGE DR./QUAIL RUN	GLOUCESTER CITY ON
CA	RICHCRAFT HOMES LTD.-LOT. 6, CONC. 4	HUNT CLUB RD./LORRY GREENBERG	OTTAWA CITY ON
CA	OTTAWA CITY	CAHILL DR.	OTTAWA CITY ON
CA	MACDONALD DEVELOPMENT CORP.	BANK ST.	OTTAWA CITY ON
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON
CA	MACDONALD DEVELOPMENT CORP.-PLAZA	EASEMENT-BANK STREET	OTTAWA CITY ON
CA	IBER DEVELOPMENTS INC.	ROSEGARDEN CRESCENT	OTTAWA CITY ON
CA	OSSORY CANADA INC.	PRIVATE BLDG. BANK ST.	OTTAWA CITY ON
CA	Minto Developments Inc.		Ottawa ON

CA	Minto Developments Inc.		Ottawa ON	
CA	Issam Development Ltd.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CONV	Taggart Construction Limited	Bank Street	South Ottawa ON	
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
EHS		Bank St	Ottawa ON	
EHS		Bank St	Ottawa ON	
EXP	W O STINSON & SON LTD*	HWY 31	OTTAWA ON	
EXP	UPI ENERGY LP*	HWY 31	OTTAWA ON	
GEN	GVT. OF CAN. - TRANSPORT CANADA 18-233	SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD.	OTTAWA ON	K1S 5B1
GEN	HUDSON GEN FLIGHT SERVICE INC	SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P	OTTAWA ON	K1G 3N3
GEN	HUDSON GEN(OUT OF BUSINESS)NC 20-051	SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P	OTTAWA ON	K1G 3N3
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	GVT. OF CAN. - TRANSPORT CANADA	SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD.	OTTAWA ON	K1S 5B1
GEN	Hydro Ottawa Ltd.	Bank St	Ottawa ON	
HINC		BANK STREET [NORTH OF MITCH OWENS ROAD]	GLOUCESTER ON	
PRT	JIM ROMBOUGH OTTAWA FLYING CLUB	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	IMPERIAL OIL ATTN L MCCAMBLEY	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	HUNTCLUB ESSO K BASSETT	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	NAZIMA MEDEWAR	HWY 31	OTTAWA ON	

RST	CAPITAL CITY GAS	HIGHWAY 31	GLOUCESTER ON	K1G3N4
RST	CAPITAL CITY GAS	HIGHWAY 31	GLOUCESTER ON	K1G 3N4
RST	DRUMMOND'S GAS	HIGHWAY 31	GLOUCESTER ON	K1B3B8
RST	DRUMMOND'S GAS	HIGHWAY 31	GLOUCESTER ON	K1B 3B8
SPL	ESSO PETROLEUM CANADA	BANK STREET SERVICE STATION	OTTAWA CITY ON	
SPL	Enbridge Gas Distribution Inc.; contractor R. B. Somerville Ltd<UNOFFICIAL>	West Hunt Club Road	Ottawa ON	
SPL	UNKNOWN	OSGOODE TOWNSHIP HISTORICAL MUSEUM, HIGHWAY 31, VERNON	OTTAWA-CARLETON R. M. ON	
SPL	ONTARIO HYDRO	BANK ST TRANSFORMER	GLOUCESTER CITY ON	
SPL	TRANSPORT TRUCK	BANK ST. BRIDGE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	PIONEER PETROLEUMS LTD.	BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION	OTTAWA CITY ON	
SPL	OC TRANSP	BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	UNKNOWN	COTTERS CR OFF OF HUNT CLUB	OTTAWA CITY ON	
SPL		Hunt Club Drive West near Hawthorne	Ottawa ON	

Unplottable Report

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7788-6XDSAP
Application Year: 2007
Issue Date: 1/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7355-6M4TMP
Application Year: 2006
Issue Date: 2/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7163-5SYQ3M

Application Year: 2003
Issue Date: 11/14/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 7043-6P2REB
Application Year: 2006
Issue Date: 4/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 6733-5NSKZ9
Application Year: 2003
Issue Date: 6/23/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 6380-6JGQ7B
Application Year: 2005
Issue Date: 12/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 6002-7DAKG9
Application Year: 2008
Issue Date: 4/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 5840-6NRNJD
Application Year: 2006
Issue Date: 5/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 4309-6VTJMR
Application Year: 2006
Issue Date: 12/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 4208-6J7J5T
Application Year: 2005
Issue Date: 11/17/2005
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 3403-5MAJ6D
Application Year: 2003

Issue Date: 5/9/2003
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 3360-7H3RCS
Application Year: 2008
Issue Date: 8/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1530-6QQL2J
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007

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

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1168-67AKKL
Application Year: 2004
Issue Date: 12/7/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005
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: Visser Manufacturing Ltd.
Ottawa ON

Database:
CA

Certificate #: 0710-7Y5Q6Y
Application Year: 2009
Issue Date: 12/15/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 0523-7EVPTJ
Application Year: 2008
Issue Date: 8/21/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
BANK ST. GLOUCESTER CITY ON

Database:
CA

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

Site: Issam Development Ltd.
Ottawa ON

Database:
CA

Certificate #: 0790-6CHNJA
Application Year: 2005
Issue Date: 5/20/2005
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
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: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1297-6SPJ46
Application Year: 2006
Issue Date: 8/17/2006
Approval Type: Municipal and Private Sewage Works

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

Site: Minto Developments Inc.
Blocks 5 & 6, Concessions 1 & 2 Ottawa ON

Database:
CA

Certificate #: 0186-5TLM6D
Application Year: 2003
Issue Date: 12/1/2003
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: OTTO & BRYDEN ARCHITECTS
CAHILL DR. OTTAWA ON

Database:
CA

Certificate #: 3-0769-85-006
Application Year: 85
Issue Date: 7/11/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
CAHILL DR. OTTAWA ON

Database:
CA

Certificate #: 3-0099-85-006
Application Year: 85
Issue Date: 3/1/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY

Database:
CA

CAHILL DR. OTTAWA ON

Certificate #: 7-0061-85-006
Application Year: 85
Issue Date: 2/18/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1202574 ONTARIO INC.
SAWMILL RIDGE SUB/HUNT CLUB RD GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0639-97-
Application Year: 97
Issue Date: 7/9/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1158-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1112-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1395-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MINTO DEVELOPMENTS INC.
SABLE RIDGE DR./QUAIL RUN GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0930-94-
Application Year: 94
Issue Date: 9/23/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MINTO DEVELOPMENTS INC.
SABLE RIDGE DR./QUAIL RUN GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-1237-94-
Application Year: 94
Issue Date: 9/23/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MINTO DEVELOPMENTS INC.
SABLE RIDGE DR./QUAIL RUN GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-0641-93-
Application Year: 93
Issue Date: 8/9/1993
Approval Type: Municipal water
Status: Approved

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

Site: **IBER DEVELOPMENTS INC.**
ROSEGARDEN CRESCENT OTTAWA CITY ON

Database:
CA

Certificate #: 7-0297-86-
Application Year: 86
Issue Date: 5/2/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **R.M. OF OTTAWA-CARLETON**
HUNT CLUB ROAD FEEDERMAIN OTTAWA CITY ON

Database:
CA

Certificate #: 7-1021-94-
Application Year: 94
Issue Date: 10/26/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **OTTAWA CITY**
HUNT CLUB RD./S.E. TRANSITWAY OTTAWA CITY ON

Database:
CA

Certificate #: 3-0498-94-
Application Year: 94
Issue Date: 5/19/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **R.J. NICOL CONSTRUCTION (1975) LTD.**
PRIVATE/HUNT CLUB COURT OTTAWA CITY ON

Database:
CA

Certificate #: 7-1504-90-
Application Year: 90
Issue Date: 10/3/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB RD. OTTAWA CITY ON

Database:
CA

Certificate #: 7-1643-89-
Application Year: 89
Issue Date: 10/17/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
CA

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

Site: MINISTRY OF TRANSPORTATION
HIGHWAY #31, LAT. CATCHBASINS OTTAWA CITY ON

Database:
CA

Certificate #: 3-1342-93-
Application Year: 93
Issue Date: 12/31/1993
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: MINTO DEVELOPMENTS INC.
SABLE RIDGE DR./QUAIL RUN GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-0812-93-
Application Year: 93
Issue Date: 8/9/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHCRAFT HOMES LTD.-LOT. 6, CONC. 4
HUNT CLUB RD./LORRY GREENBERG OTTAWA CITY ON

Database:
CA

Certificate #: 3-0112-92-
Application Year: 92
Issue Date: 2/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
CAHILL DR. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1467-89-
Application Year: 89
Issue Date: 8/1/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
CA

Certificate #: 3-1072-88-
Application Year: 88
Issue Date: 9/28/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1277-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
CA

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

Site: IBER DEVELOPMENTS INC.
ROSEGARDEN CRESCENT OTTAWA CITY ON

Database:
CA

Certificate #: 3-0424-86-
Application Year: 86
Issue Date: 5/2/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
CA

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

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 9152-65XHVP
Application Year: 2004
Issue Date: 10/21/2004
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: *Issam Development Ltd.*
Ottawa ON

Database:
CA

Certificate #: 8457-6CHNVM
Application Year: 2005
Issue Date: 5/20/2005
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: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
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: Taggart Construction Limited
Bank Street South Ottawa ON

Database:
CONV

File No: 010503

Location:

Crown Brief No:

Region:

Court Location:

Ministry District:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

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

Background:

URL:

Additional Details

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

Site: **Minto Developments Inc.**
Ottawa ON K1R 7Y2

Database:
ECA

Approval No: 7163-5SYQ3M
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2997-5SKKCW-14.pdf>

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

Site: **Minto Developments Inc.**
Ottawa ON K1R 7Y2

Database:
ECA

Approval No: 4490-5SYQAN
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

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

Site: **Bank St Ottawa ON**

Database:
EHS

Order No: 20060427021
Status: C
Report Type: Custom Report
Report Date: 5/5/2006
Date Received: 4/26/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.670288
Y: 45.364953

Site: **Bank St Ottawa ON**

Database:
EHS

Order No: 20031121005
Status: C
Report Type: Basic Report
Report Date: 11/25/03

Nearest Intersection: See Faxed Map
Municipality:
Client Prov/State: ON
Search Radius (km): 0.50

Date Received: 11/21/03 X: -75.654252
Previous Site Name: Y: 45.363635
Lot/Building Size:
Additional Info Ordered:

Site: W O STINSON & SON LTD*
HWY 31 OTTAWA ON

Database:
EXP

Instance No: 10449391
Instance ID: 18397
Instance Type: FS Highway Tank - Gas/Diesel
Description: FS HIGHWAY TANK - GASOLINE/DIESEL
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: UPI ENERGY LP*
HWY 31 OTTAWA ON

Database:
EXP

Instance No: 10454099
Instance ID: 18935
Instance Type: FS Highway Tank - Gas/Diesel
Description: FS HIGHWAY TANK - GASOLINE/DIESEL
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: GVT. OF CAN. - TRANSPORT CANADA 18-233
SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD. OTTAWA ON K1S 5B1

Database:
GEN

Generator No: ON0175100
Status:
Approval Years: 92,93,94
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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

Site: HUDSON GEN FLIGHT SERVICE INC
SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON0244502
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: HUDSON GEN(OUT OF BUSINESS)NC 20-051
SKY SERVICE DIVISION OTTAWA AIRPORT-HUNT CLUB RD/LINDBERG P OTTAWA ON K1G 3N3

Database:
GEN

Generator No: ON0244502
PO Box No:

Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 4523
SIC Description: AIRCRAFT SEVICING

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: **SPIC & SPAN-VALETOR-CASH CLEANERS**
BILLINGS BRIDGE PLAZA, BANK STREET C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No: ON0573413
Status:
Approval Years: 86,87,88
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: **GVT. OF CAN. - TRANSPORT CANADA**
SYSTEMS DEVELOPMENT LABORATORY BUILDING T-78, HUNT CLUB RD. OTTAWA ON K1S 5B1

Database:
GEN

Generator No: ON0175100
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4521
SIC Description: AIRPORT OPER. IND.

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

Site: **Hydro Ottawa Ltd.**
Bank St Ottawa ON

Database:
GEN

Generator No: ON8798860
Status:
Approval Years: 03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Site: **BANK STREET [NORTH OF MITCH OWENS ROAD] GLOUCESTER ON**

Database:
HINC

External File Num: FS INC 0712-07599
Fuel Occurrence Type: Discovery of a Petroleum Product
Date of Occurrence: 12/16/2007
Fuel Type Involved: Gasoline
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Other-Specify
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Other-specify
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No
Management:Yes Human Factors:Yes

Reported Details: Report of a nearby retail gasoline site at a construction site where contaminated soil has been disc
Fuel Category: Unknown
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel: 1
Nearby body of water: No
Enter Drainage Syst.: No
Approx. Quant. Unit: Liters
Environmental Impact: product found at time of matinance on a fire hydrant. Excavation near a decommissioned service station at 5352 BANK ST, GLOUCESTER, ON K1X 1H1 equipment removed.

Site: JIM ROMBOUGH OTTAWA FLYING CLUB
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 0
Licence #: 0020409001

Site: IMPERIAL OIL ATTN L MCCAMBLEY
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1995-01-31
Capacity (L): 136200
Licence #: 0076408079

Site: HUNTCLUB ESSO K BASSETT
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1996-02-29
Capacity (L): 136200
Licence #: 0076435098

Site: NAZIMA MEDEWAR
HWY 31 OTTAWA ON

Database:
PRT

Location ID: 11082
Type: retail
Expiry Date: 1996-03-31
Capacity (L): 36368
Licence #: 0016234001

Site: CAPITAL CITY GAS
HIGHWAY 31 GLOUCESTER ON K1G3N4

Database:
RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6138221324
List Name:
Description:

Site: CAPITAL CITY GAS
HIGHWAY 31 GLOUCESTER ON K1G 3N4

Database:
RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

Site: DRUMMOND'S GAS
HIGHWAY 31 GLOUCESTER ON K1B3B8

Database:
RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6138221391
List Name:
Description:

Site: DRUMMOND'S GAS
HIGHWAY 31 GLOUCESTER ON K1B 3B8

Database:
RST

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

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

Database:
SPL

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

Site: Enbridge Gas Distribution Inc.; contractor R. B. Somerville Ltd<UNOFFICIAL>
West Hunt Club Road Ottawa ON

Database:
SPL

Ref No: 8138-9A7M23	Discharger Report:
Site No:	Material Group:
Incident Dt: 2013/08/01	Health/Env Conseq:
Year:	Client Type:
Incident Cause: Unknown / N/A	Sector Type: Other
Incident Event:	Agency Involved:

Contaminant Code: 99
Contaminant Name: BENTONITE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2013/08/02
Dt Document Closed:
Incident Reason: Unknown / N/A
Site Name: road allowance - 200 M east of Cedarview Rd<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Enbridge: ~ 3000 L bentonite to grnd; cntnd & clnd
Contaminant Qty: 2840 L

Nearest Watercourse:
Site Address: West Hunt Club Road
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Primary Assessment of Spills
Source Type:

Site: UNKNOWN
 OSGOODE TOWNSHIP HISTORICAL MUSEUM, HIGHWAAY 31, VERNON OTTAWA-CARLETON R.M. ON
Database: SPL

Ref No: 3978
Site No:
Incident Dt: //
Year:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/20/1988
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: STINSON FUELS-<1111 L FURNACE OIL TO GROUND FROM DESERTED TANK
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: ONTARIO HYDRO
 BANK ST TRANSFORMER GLOUCESTER CITY ON
Database: SPL

Ref No: 19785
Site No:
Incident Dt: 7/9/1988
Year:
Incident Cause: COOLING SYSTEM LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20105
Site Lot:
Site Conc:

Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1988
Dt Document Closed:
Incident Reason: OTHER
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BACKENTRY - ONTARIO HYDROTRANSFORMER OIL (AMT U/K)ON GROUND
Contaminant Qty:

Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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

Database:
SPL

Ref No: 88427
Site No:
Incident Dt: 7/13/1993
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/13/1993
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: HYDRAULIC OIL LEAK FROM UNIDENTIFIED TRANSPORT TRUCK TO BANK ST. BRIDGE
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: FIRE DEPT
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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

Database:
SPL

Ref No: 137358
Site No:
Incident Dt: 2/20/1997
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/20/1997
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

PIONEER PETROLEUMS-4L GASOLINE TO GROUND,UNSAFESPILL RESPONSE BY STAFF.

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

Database:
SPL

Ref No:	223917	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/11/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Nothing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/11/2002	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SPILL OF DIESEL FUEL TO GRND, CLEAN UP CREW ON THE WAY		
Contaminant Qty:			

Site: UNKNOWN
COTTERS CR OFF OF HUNT CLUB OTTAWA CITY ON

Database:
SPL

Ref No:	225519	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	5/15/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Nothing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/15/2002	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN: OIL SPILL		
Contaminant Qty:			

Site: Hunt Club Drive West near Hawthorne Ottawa ON

Database:
SPL

Ref No:	5082-7X7J3M	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/26/2009	Site Map Datum:	
Dt Document Closed:	11/10/2009	SAC Action Class:	Land Spills
Incident Reason:		Source Type:	
Site Name:	transmission oil spill.<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa: Valma Forming, 40 L transmission oil spill, cleaning		
Contaminant Qty:			

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 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Jun 2020

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-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2020

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 - Sep 2019

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 31, 2020

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-Jul 31, 2020

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 31, 2020

Environmental Effects Monitoring:

Federal

EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Jul 31, 2020

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks:

Federal **Foft**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

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-Apr 30, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2020

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, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:

Federal

[NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Jul 31, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011-Jul 31, 2020

Pipeline Incidents:

Provincial PINC

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

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

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-Jul 31, 2020

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-May 2020

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Jul 31, 2020

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: Apr 30, 2020

Definitions

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

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

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

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Nick Sullivan, B.Sc.

patersongroup

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Environmental Scientist

EDUCATION

McMaster University, B.Sc. 2016
Earth & Environmental Science

Niagara College, Cert. 2017
Environmental Management & Assessment

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Scientist

SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments
Contaminated Soil and Groundwater Field Sampling
Subsurface Investigations of Soil and Rock Stratigraphy
Supervision of Environmental Remediation Programs
Designated Substance Surveys

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility - Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review - Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre - Ottawa
Nortel Networks Environmental Monitoring - Carling Campus - Ottawa
Remediation Program - Block D Lands - Kingston
Investigation of former landfill sites - City of Ottawa
Record of Site Condition for Railway Lands - North Bay
Commercial Properties - Guelph and Brampton
Brownfields Remediation - Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction - Ottawa
Somerset Avenue West Reconstruction - Ottawa