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Phase I Environmental Site Assessment

3437 Innes Road
Ottawa, Ontario

Prepared For

Bishara, Nehme and Walid Elias

May 25, 2021

Report: PE4282-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mr. George Elias to conduct a Phase I-Environmental Site Assessment (ESA) for the property located at 3437 Innes Road, in the City of Ottawa, Ontario (the Phase I ESA Property). The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was originally developed circa 1956 with the present-day residential dwellings at 3437 Innes Road.

Historically, the neighbouring lands to the north, east and south were either vacant and undeveloped lands or occupied by residences. A retail fuel outlet (RFO) and Orleans Dry-Cleaners were identified at 3469 Innes Road, approximately 80 m east (cross-gradient) from the subject land. The dry-cleaners is not considered a potentially contaminating activity (PCA) as it was used as a drop-off/pick-up kiosk. The RFO is a PCA that is not considered to represent an area of potential environmental concern (APEC) on the Phase I ESA Property, based on the separation distance and cross-gradient orientation.

Following the historical research, a site visit was conducted. The Phase I ESA Property is occupied by the original 1950s 2-storey residential dwelling and a private garage. No PCAs were identified on the Phase I ESA Property at time of the site visit. Neighbouring land use in the Phase I Study Area consisted primarily of residential with some commercial properties. No new PCAs within the Phase I Study Area were considered to represent APECs on the Phase I ESA Property.

Based on the findings of the assessment, **a Phase II- Environmental Site Assessment is not recommended for the Phase I ESA Property.**

Recommendations

It is our understanding that the subject building will be demolished in conjunction with future residential redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Mr. George Elias, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the property located at 3437 Innes Road, in the City of Ottawa, Ontario, herein referred to as the Phase I ESA Property. The purpose of this Phase I ESA was to research the past and current use of the Phase I ESA Property and properties within the Phase I Study Area to identify any potentially contaminating activities that would result in areas of potential environmental concern on the Phase I ESA Property.

Paterson was engaged to conduct this Phase I ESA by Mr. George Elias. Mr. Elias can be reached by telephone at 613-979-4677.

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

This Phase I-ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O.Reg.) 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 and 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 PHASE I ESA PROPERTY INFORMATION

Address:	3437 Innes Road, Ottawa, Ontario
Location:	The Phase I ESA Property is located on the north side of Innes Road, approximately 68 m west of Page Road, in the City of Ottawa, Ontario. For the purpose of this update, Innes Road is assumed to run in an east to west direction. Refer to Figure 1 - Key Plan in the Figures section following the text.
Latitude and Longitude:	45° 26’ 47.27" N, 75° 31' 41.96" W

Site Description:

Configuration:	Irregular
Area:	1,849 m^2 (approximately)
Zoning:	R1WW – Residential Zone
Current Use:	The Phase I ESA Property is occupied by a 2-storey residential dwelling and private garage.
Services:	The Phase I ESA Property is situated in an area where municipal serviced are relied upon.

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 properties, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 153/04, as amended, 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 outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

According to the aerial photographs, the Phase I ESA Property appears to have been developed in 1945 for residential purposes. The exact year of first developed use of the Phase I ESA Property is not known, however, for the purpose of this assessment the first developed use is considered to be residential in 1945.

National Archives

Fire insurance plans are not available for the area of the Phase I ESA Property.

City of Ottawa directories were reviewed in approximate 10-year intervals from 1991 to 2010 for the area of the subject site. Directories for the area are not available before 1992. The Phase I ESA Property was always listed as a residential property. The property addressed 3469 Innes Road, located approximately 80 m east (cross-gradient) from the subject land was identified as a retail fuel outlet (RFO) and Orleans Dry-Cleaners, listed from 1992 to 2010.

Based on the separation distance and cross-gradient orientation, these off-site potentially contaminating activities (PCAs) are not considered to represent areas of potential environmental concern (APEC) on the Phase I ESA Property.

It should be noted that the Orleans Dry-Cleaners has never used dry-cleaning chemicals as it operates as a drop-off/pick-up location. As such, the Orleans Dry-Cleaners is not considered to represent a concern to the subject site.

Plan of Survey

A survey plan was not available for review at the time this report was issued. Based on the site visit, the property boundaries are as reflected on the City of Ottawa's electronic mapping system.

Chain of Title

Paterson did not request a Chain of Title for the Phase I ESA Property as it was determined that sufficient information was gathered from other sources, including city directories, aerial photographs and personal interviews.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on May 4, 2021. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on May 4, 2021. The search did not reveal any areas of natural significance within the Phase I Study Area.

Ministry of the Environment, Conservation and Parks (MECP) Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the Phase I ESA Property as apart of this assessment. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be received. A copy of the request form is provided in Appendix 2.

MECP Instruments

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments as apart of this assessment A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be received. A copy of the request form is provided in Appendix 2.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as apart of this assessment. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be received prepared upon receipt of the search results. A copy of the request form is provided in Appendix 2.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP as apart of this assessment. A response from the MECP had not been received at the time this report was issued. The client will be contacted should any pertinent information be received. A copy of the request form is provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the site and Phase I Study Area. No RSC has been filed for the Phase I ESA Property or for properties within the Phase I Study Area

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites in the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No municipal coal gasification plant sites are located within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on May 4, 2021 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties.

Several expired and active records were identified at a retail fuel outlet (RFO) addressed 3469 Innes Road, located approximately 80 m east (or cross-gradient) of the Phase I ESA Property. Based on the separation distance and orientation, this off-site potentially contaminating activity (PCA) is not considered to represent an area of potential environmental concern (APEC) on the Phase I ESA Property. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former landfills were identified in the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa's Historical Land Use Inventory (HLUI) database was requested as part this assessment. At the time of issuance of this report, the HLUI search results had not been received. A copy of the HLUI request form is appended to this report.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Search Report, dated May 6, 2021, was obtained for the Phase I ESA Property and properties within the Phase I Study Area.

According to the ERIS search results, there were no records identified for the Phase I ESA Property.

The ERIS search identified several off-site records, which included waste generators, fuel storage tanks, auto wrecking sites and spills. Based on the nature of these off-site PCAs identified in the ERIS, in combination with their separation distances and/or orientation with respect to the Phase I ESA Property, these PCAs are not considered to represent APECs.

No APECs were identified during the review of the ERIS report. A copy of the ERIS report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

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

1945	The Phase I ESA Property appears to be occupied by a residential dwelling at this time. The surrounding lands are occupied by residential dwellings and agricultural lands.
1956	No apparent changes to the Phase I ESA Property or surrounding lands at this time.
1965	No changes are apparent on the Phase I ESA Property. The surrounding lands to the south, across Innes Road, are more densely developed with residential dwellings at this time.
1976	A private garage is present on the Phase I ESA Property at this time, while the surrounding lands appear to remain unchanged from the previous photograph.
1991	The Phase I ESA Property remains unchanged from the previous photograph. Lands further east are occupied by a residential development. A retail fuel outlet can be seen on the adjacent property, approximately 80 m to the east.
2002	No significant changes are apparent on the Phase I ESA Property and neighbouring lands.
2011	The Phase I ESA Property and surrounding lands appear to remain unchanged from the previous photograph.
2019	No significant changes are apparent on the Phase I ESA Property and neighbouring lands.

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

Physiographic Maps

The Ontario Geological Survey publication 'The Physiography of Southern Ontario, Third Edition' was reviewed as a part of this assessment. According to the publication, the Phase I ESA Property is situated within the Ottawa Clay Plain physiographic region.

Topographic Maps

Topographic maps were obtained from The Atlas of Canada – Topography website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the site slopes down in a northerly direction. According to the maps, no bodies of water are in the study area.

An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of limestone of the Bobcaygeon Formation. The overburden on the site consists of offshore marine sediments consisting of marine deposits, clay and silt. Drift thickness ranges from 2 to 5 meters across the site.

Water Well Records

A search of the MECPs website for all drilled well records within 250 m of the Phase I ESA Property was conducted on May 4, 2021. Based on the online mapping search results, no well records were identified on the Phase I ESA Property. Eighteen (18) well records were returned from the search, which consisted of 17 potable well records and one monitoring well record. No well records were identified on the Phase I ESA Property.

The potable wells were drilled between 1953 to 1970 to depths ranging from 5.5 to 70 m below the ground surface. All wells were drilled to fresh water. Based on the records, the stratigraphy in the area consists of clay, underlain by limestone bedrock at 0 to 2 m below the existing ground surface. All wells were drilled to clear water.

The monitoring well record indicated that 5 wells were drilled in a cluster at the RFO located at 3469 Innes Road in 2005. As previously discussed in this report, the RFO is not considered to pose any risk to the Phase I ESA Property.

No other pertinent information was provided in the well records. No concerns were noted during the review of these records. A copy of the well records has been included in Appendix 2.

Water Bodies and Areas of Natural Significance and Water Bodies

No water bodies or areas of natural and scientific interest (ANSIs) are known to exist within the Phase I Study Area.

5.0 INTERVIEWS

Property Owner Representatives

Mr. George Elias was interviewed via email as part of this assessment. According to Mr. Elias, the subject site has always been used for residential purposes. Mr. Elias was not aware of any potential environmental concerns regarding the Phase I ESA Property or on neighbouring lands. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site visit was conducted on May 10, 2021, by Ms. Mandy Witteman from the Environmental Department of Paterson Group. Weather conditions at the time of the site visit were overcast with a high of 9 degrees Celsius. The uses of the neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit, from publicly accessible areas.

6.2 Specific Observations at the Phase I ESA Property

Buildings and Structures

The Phase I ESA Property is occupied by a 2-storey residence with a basement and a private garage. The dwelling is constructed with a concrete block foundation circa 1956. The exterior is finished in brick with a sloped style shingle roof. The subject building is heated by natural gas fired equipment.

The private garage is constructed with a slab-on-grade foundation finished in vinyl siding and a sloped shingle style roof.

No other buildings or above-grade structures were present on the Phase I ESA Property at the time of the site visit. Details of the Phase I ESA Property are shown on Drawing PE4282-1 – Site Plan.

Site Features

The majority of the southern half of the ground surface of the Phase I ESA Property is asphaltic paved concrete, fronting on Innes Road, while the northern and southeastern portions are landscaped. The site topography is relatively flat and at the grade of Innes Road. The regional topography slopes down in a northerly direction.

Site drainage consists of a combination of surficial infiltration within landscaped areas and sheet flow on the paved area, with overflow drainage to catch basins located along Innes Road.

The Phase I ESA Property is situated in an area where municipal water and sewers are relied upon. Underground utilities present on the property include electricity, natural gas and municipal water and sewer. Overhead utility services include telephone and cable.

Domestic non-hazardous waste and recyclables are produced on-site and collected by the municipality. No concerns were noted with the current waste management practices on the Phase I ESA Property.

No aboveground storage tanks (ASTs), evidence of underground storage tanks (USTs), or areas of surficial staining were observed on the exterior of the Phase I ESA Property at the time of the site visit. Furthermore, no areas of stressed vegetation or unidentified substances were observed on-site at this time.

No evidence of current or former railways or spur lines was observed on the Phase I ESA Property at the time of the site visit. No obvious indications of fill material were noted at the time of the site visit.

Interior Assessments

A general assessment of the interior of the residence is as follows:

- The floors were finished with a combination of vinyl, ceramic tiles, hardwood, carpet and poured concrete (basement).
- The walls and ceilings consisted of drywall and stippled ceiling with some drywall.
- Lighting throughout the building was provided by incandescent light fixtures.

The dwelling is presently heated with natural gas-fired equipment, with supplemental electrical baseboard heaters. No ASTs or evidence of USTs were observed on the interior of the dwelling at the time of the site visit.

A sump pit and a floor drain were observed in the basement of the dwelling. The water was clear with no apparent odour. No concerns were noted with either the sump pit or floor drain at the time of the site visit.

Potentially Hazardous Building Products

- **Asbestos Containing Materials ACMs**

  Based on the age of the subject building (circa early 1950s), there is the potential for asbestos containing materials (ACMs) to have been used in the construction.

  Potential ACMs observed at the time of the site visit include vinyl flooring, stippled ceilings, and drywall joint compound.

- **Lead Based Paints (LBPs)**

  Based on the date of construction (circa early 1950s) lead-based paints (LBPs) may be present within the subject structure.

- **Urea Formaldehyde Foam Insulation (UFFI)**

  Based on the age of the subject structure UFFI may be present. No UFFI was identified at the time of the site visit however wall and ceiling cavities were not observed.

- **Polychlorinated Biphenyls**

  No potential sources of PCBs were identified on the interior of the subject structure at the time of the site visit.

- **Ozone Depleting Substances (ODSs)**

  Refrigerators and fire extinguishers may be potential sources of ozone depleting substances (ODSs) on site. These appliances should be regularly serviced and maintained by certified contractors.

Other Potential Environmental Concerns

- **Storage Tanks and Chemicals**

  No aboveground or underground fuel storage tanks, staining or odours were noted on the interior of the Phase I ESA Property at the time of the site visit. Chemicals stored on-site included paints and house-hold cleaning products, all of which were properly stored in labelled containers.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the Phase I ESA Property was as follows:

- North: Vacant land, followed by residential;
- East: Residential, followed by Page Road;
- West: Residential; and
- South: Innes Road, followed by residential.

One potentially contaminating activity (PCA), a retail fuel outlet was identified at 3469 Innes Road, approximately 80 m east of the subject land. However, based on its cross-gradient orientation in combination with the separation distance, this PCA is not considered to represent an APEC on the Phase I ESA Property. No other off-site PCAs were identified on lands within the Phase I study area. Current land use in the Phase I Study area is illustrated on Drawing PE4282-2 - Surrounding Land Use Plan in the Figures section of this report, following the text.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The current and past use of the Phase I ESA Property has been for residential purposes only since the Phase I ESA Property was developed circa 1945.

One potentially contaminating activity (PCA), a retail fuel outlet, was identified at 3469 Innes Road, approximately 80 m east of the subject land. However, based on its cross-gradient orientation in combination with the separation distance, this PCA is not considered to represent an APEC on the Phase I ESA Property.

Contaminants of Potential Concern (CPC)

There are no APECs on the Phase I ESA Property and thus, no Contaminants of Potential Concern (CPCs).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information,

bedrock in the area of the site consists of limestone of the Bobcaygeon Formation. The overburden across the site consists of offshore marine sediments, consisting of marine deposits, clay and silt with a drift thickness ranging from 2 to 5 meters.

Based on regional topography, groundwater beneath the Phase I ESA Property is expected to flow in a northerly direction.

No natural bodies of water are present on the Phase I ESA Property or on lands within the Phase I study area.

Areas of Natural Significance

No areas of natural significance were identified in the Phase I Study Area.

Drinking Water Wells

No potable well records were identified on the Phase I ESA Property. Seventeen (17) potable wells were located within the Phase I study area. It is not likely that these potable water wells are used for drinking water as the study area is now serviced with municipal services.

Existing Buildings and Structures

The Phase I ESA Property is occupied by a 2-storey residence with a basement and a private garage. The dwelling is constructed with a concrete block foundation circa 1956. The exterior is finished in brick with a sloped style shingle roof. The subject building is heated by natural gas fired equipment.

The private garage is constructed with a slab-on-grade foundation finished in vinyl siding and a sloped shingle style roof.

No other buildings or above-grade structures were present on the Phase I ESA Property.

Subsurface Structures and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities, both public and private are expected to be present on the Phase I ESA Property.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists of residential and commercial to the east and residential to the north, west and south. As previously discussed, an off-site PCA, a retail fuel outlet was identifed approximately 80m east of the subject land, however, given the relative orientation and separation

distance with respect to the Phase I ESA Property, this PCA is not considered to represent an APEC with regard to the Phase I ESA Property. No other PCAs were identified on neighbouring lands.

Potentially Contaminating Activities and Areas of Potential Environmental Concerns

No Potentially Contaminating Activities (PCAs) were identified on the Phase I ESA Property or on lands within the Phase I study area that would result in Areas of Potential Environmental Concern (APECs).

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 have been no potentially contaminating activities (PCAs) on the Phase I ESA Property or neighbouring lands that would generate areas of potential environmental concern (APECs). The absence of PCAs generating APECs was confirmed by a variety of independent sources. As such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Mr. George Elias to conduct a Phase I-Environmental Site Assessment (ESA) for the property located at 3437 Innes Road, in the City of Ottawa, Ontario (the Phase I ESA Property). The purpose of this Phase I-ESA was to research the past and current use of the Phase I ESA Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I ESA Property.

According to the historical research, the Phase I ESA Property was originally developed circa 1956 with the present-day residential dwellings at 3437 Innes Road.

Historically, the neighbouring lands to the north, east and south were either vacant and undeveloped lands or occupied by residences. A retail fuel outlet (RFO) and Orleans Dry-Cleaners were identified at 3469 Innes Road, approximately 80 m east (cross-gradient) from the subject land. The dry-cleaners is not considered a potentially contaminating activity (PCA) as it was used as a drop-off/pick-up kiosk. The RFO is a PCA that is not considered to represent an area of potential environmental concern (APEC) on the Phase I ESA Property, based on the separation distance and cross-gradient orientation.

Following the historical research, a site visit was conducted. The Phase I ESA Property is occupied by the original 1950s 2-storey residential dwelling and a private garage. No PCAs were identified on the Phase I ESA Property at time of the site visit. Neighbouring land use in the Phase I Study Area consisted primarily of residential with some commercial properties. No new PCAs within the Phase I Study Area were considered to represent APECs on the Phase I ESA Property.

Based on the findings of the assessment, **a Phase II- Environmental Site Assessment is not recommended for the Phase I ESA Property.**

8.2 Recommendations

It is our understanding that the subject buildings will be demolished in conjunction with future residential redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, 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 and 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 Bishara, Nehme and Walid Elias. Permission and notification from Bishara, Nehme and Walid Elias and Paterson will be required to release this report to any other party.

Paterson Group Inc.

Mandy Witteman, B.Eng., M.A.Sc.

Mark D'Arcy, P.Eng, QP$_{ESA}$

Report Distribution:

- ❑ Bishara, Nehme and Walid Elias
- ❑ Paterson Group

10.0 REFERENCES

Federal Records
Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records
MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
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MECP Water Well Record Inventory.
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 Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources
Personal Interviews.

Public Information Sources
Google Earth.
Google Maps/Street View.

Private Information Sources
ERIS Report (May 5, 2021)

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4282-1 – SITE PLAN

DRAWING PE4282-2 – SURROUNDING LAND USE PLAN

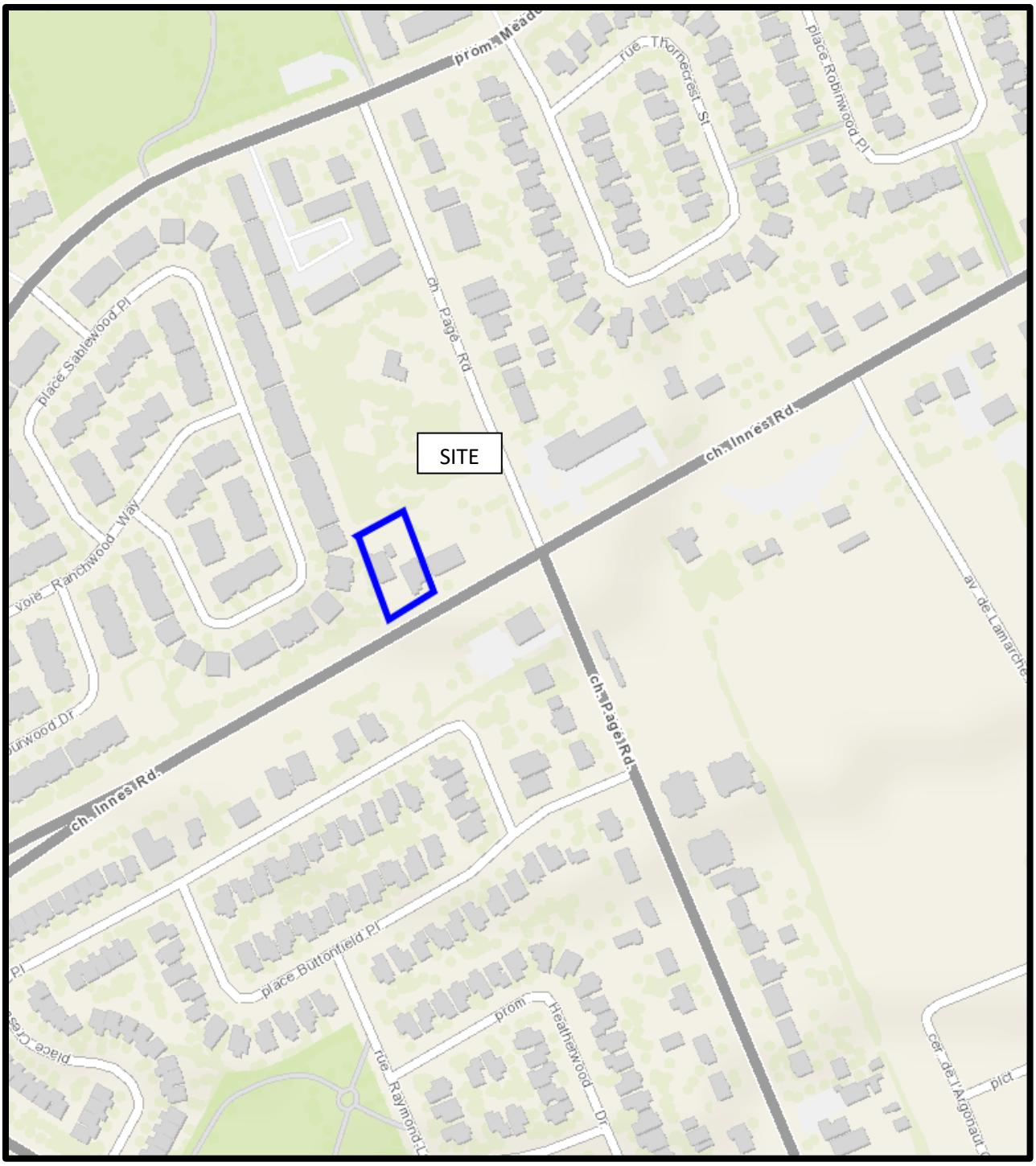

FIGURE 1

KEY PLAN

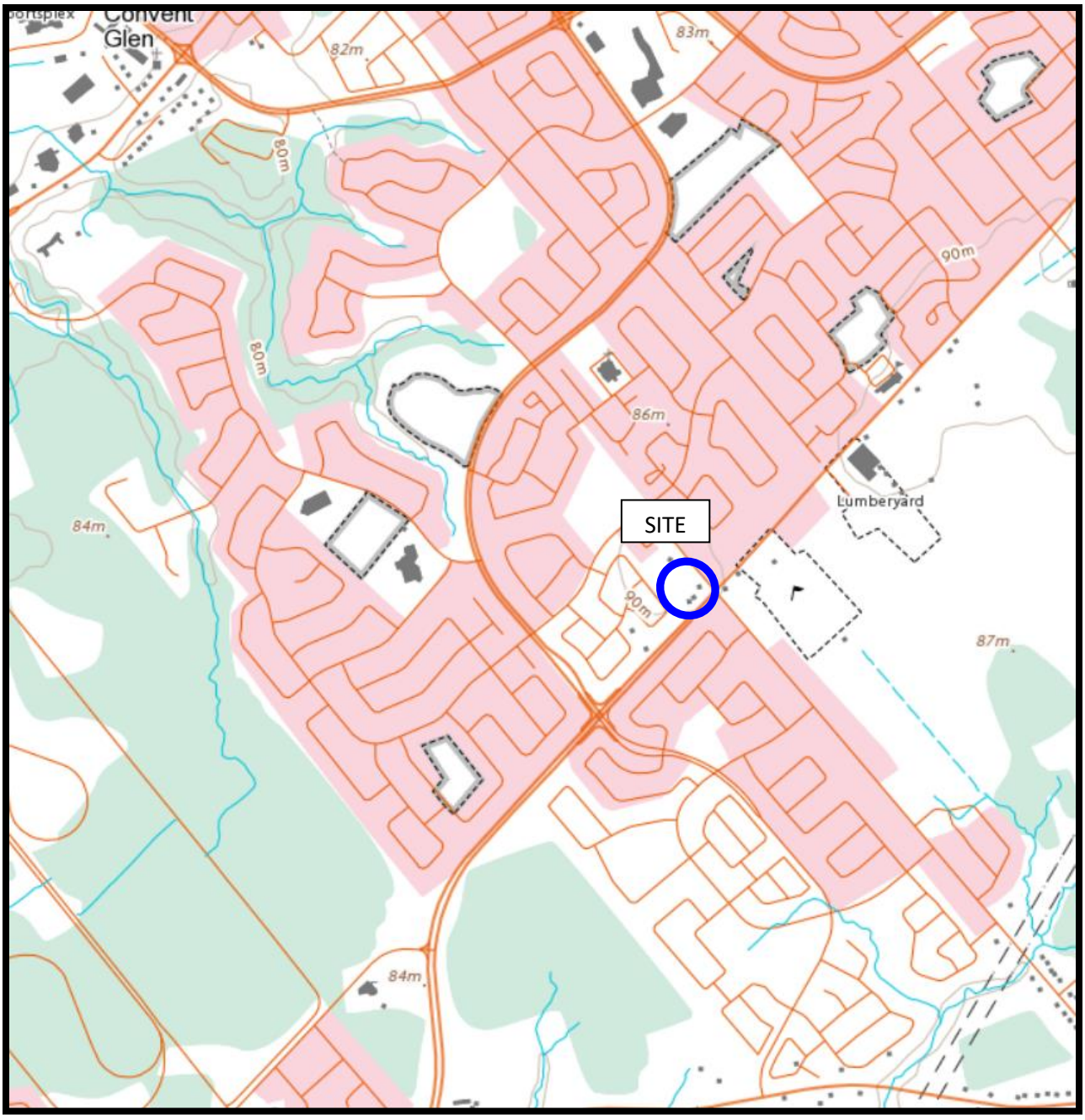

FIGURE 2

TOPOGRAPHIC MAP

#3443 INNES
RESIDENTIAL USE

#3400 INNES
COMMNERCIAL USE

SHED

LANDSCAPED

LANDSCAPED

#3437 INNES ROAD
2-STOREY RESIDENTIAL BUILDING

BRICK INTERLOCK WALKWAY

SHED

LANDSCAPED

#2260 PAGE ROAD
RESIDENTIAL USE

LANDSCAPED

PRIVATE GARAGE

ASPHALTIC CONCRETE
DRIVEWAY

I N N E S R O A D

#6054 BUTTONFIELD PLACE
RESIDENTIAL USE

#6056 BUTTONFIELD PLACE
RESIDENTIAL USE

#6306 SABLEWOOD PLACE
RESIDENTIAL USE

#6304 SABLEWOOD PLACE
RESIDENTIAL USE

#6302 SABLEWOOD PLACE
RESIDENTIAL USE

#6300 SABLEWOOD PLACE
RESIDENTIAL USE

#62982 SABLEWOOD PLACE
RESIDENTIAL USE

#6296 SABLEWOOD PLACE
RESIDENTIAL USE

SCALE: 1:300

0 1 2 3 4 5 10 15 20m

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Ottawa, Ontario K2E 7J5
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NO.	REVISIONS	DATE	INITIAL
0			

ASSURANCE REID AND BRADLEY'S ASSOCIATES LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3437 INNES ROAD

OTTAWA, **ONTARIO**

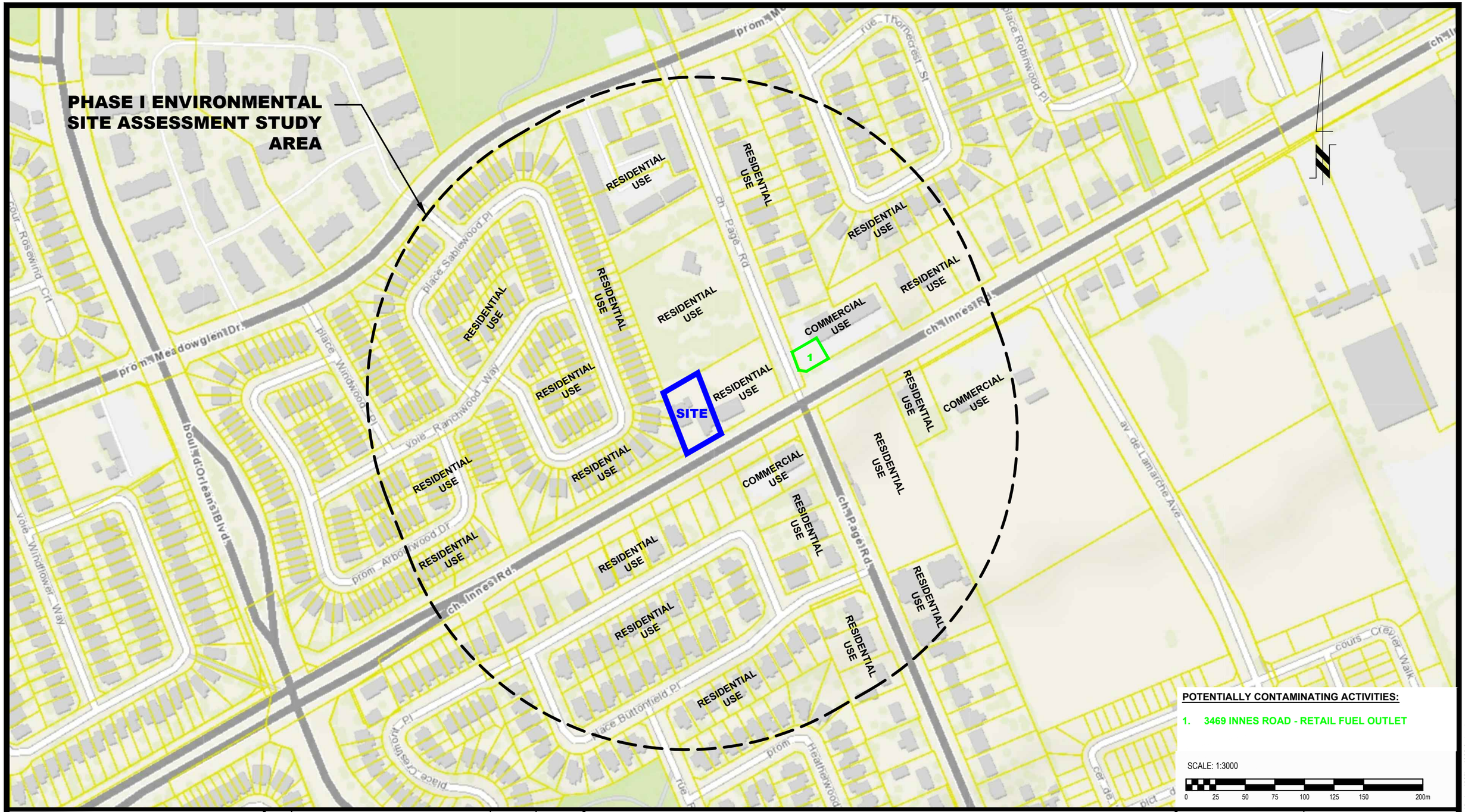
Title:

SITE PLAN

Scale: 1:300	Date: 05/2021
Drawn by: MPG	Report No.: PE4282-1
Checked by: MW	Dwg. No.: **PE4282-1**
Approved by: MSD	Revision No.:

11x17

p:\autocad drawings\environmental\pe42xx\pe4282\pe4282-1 site plan.dwg



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

NO.	REVISIONS	DATE	INITIAL
0			

ASSURANCE REID AND BRADLEY'S ASSOCIATES LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3437 INNES ROAD

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE

Scale: 1:3000	Date: 05/2021
Drawn by: MPG	Report No.: PE4282-1
Checked by: MW	Dwg. No.: PE4282-2
Approved by: MSD	Revision No.:

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11x17

APPENDIX 1

AERIAL PHOTOGRAPHS

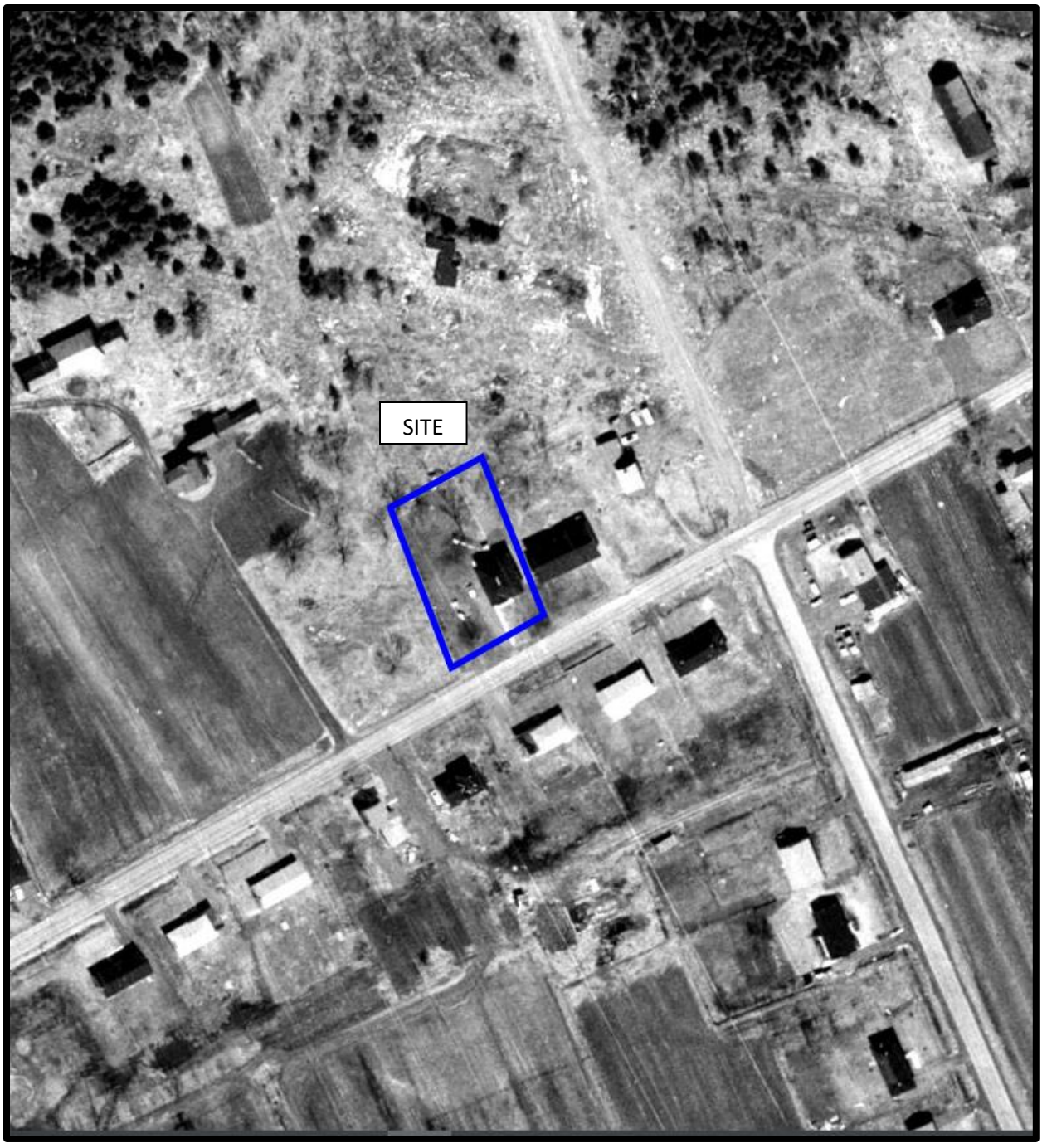
SITE PHOTOGRAPHS

AERIAL PHOTOGRAPH
1945

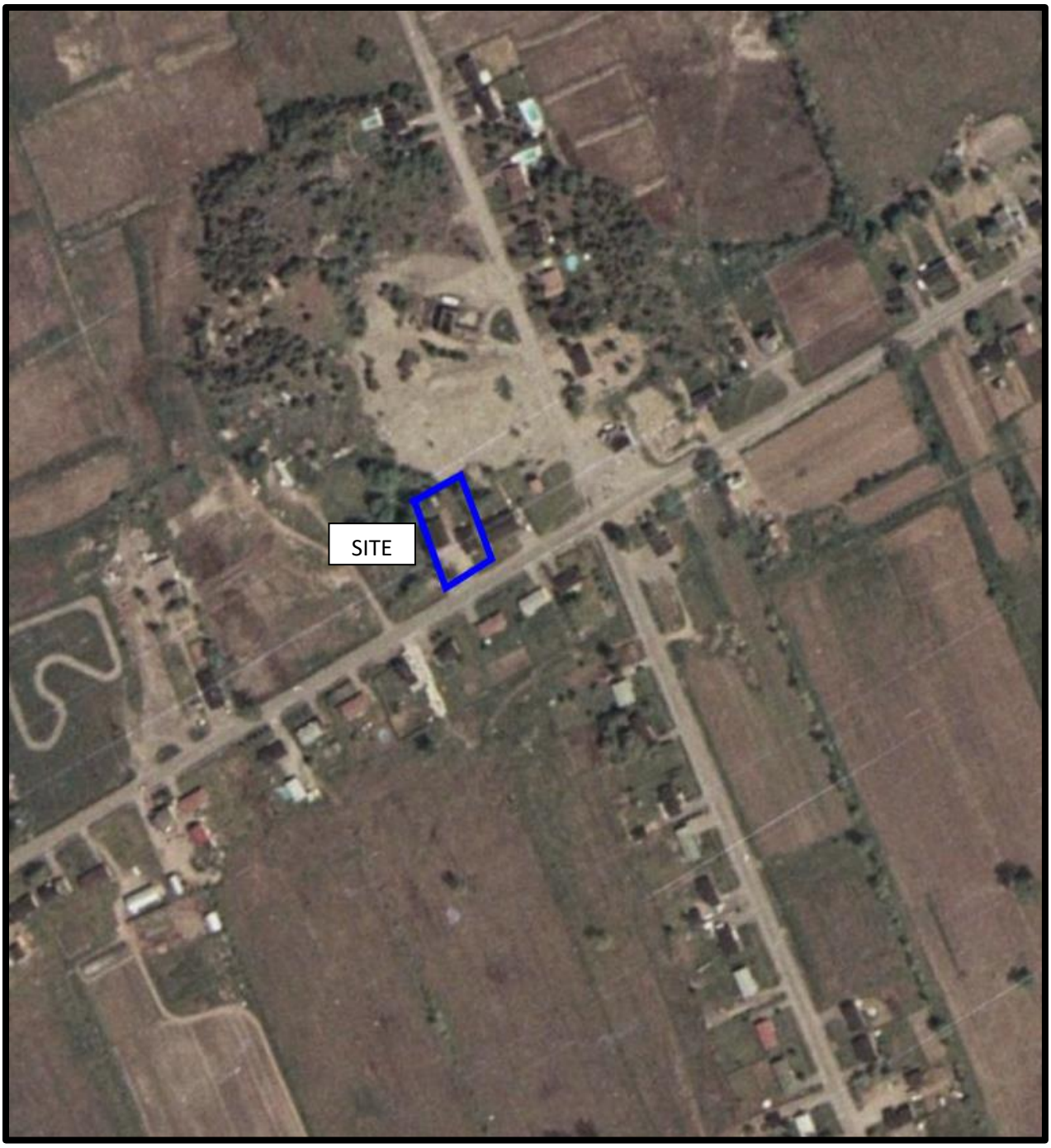
patersongroup

AERIAL PHOTOGRAPH
1958

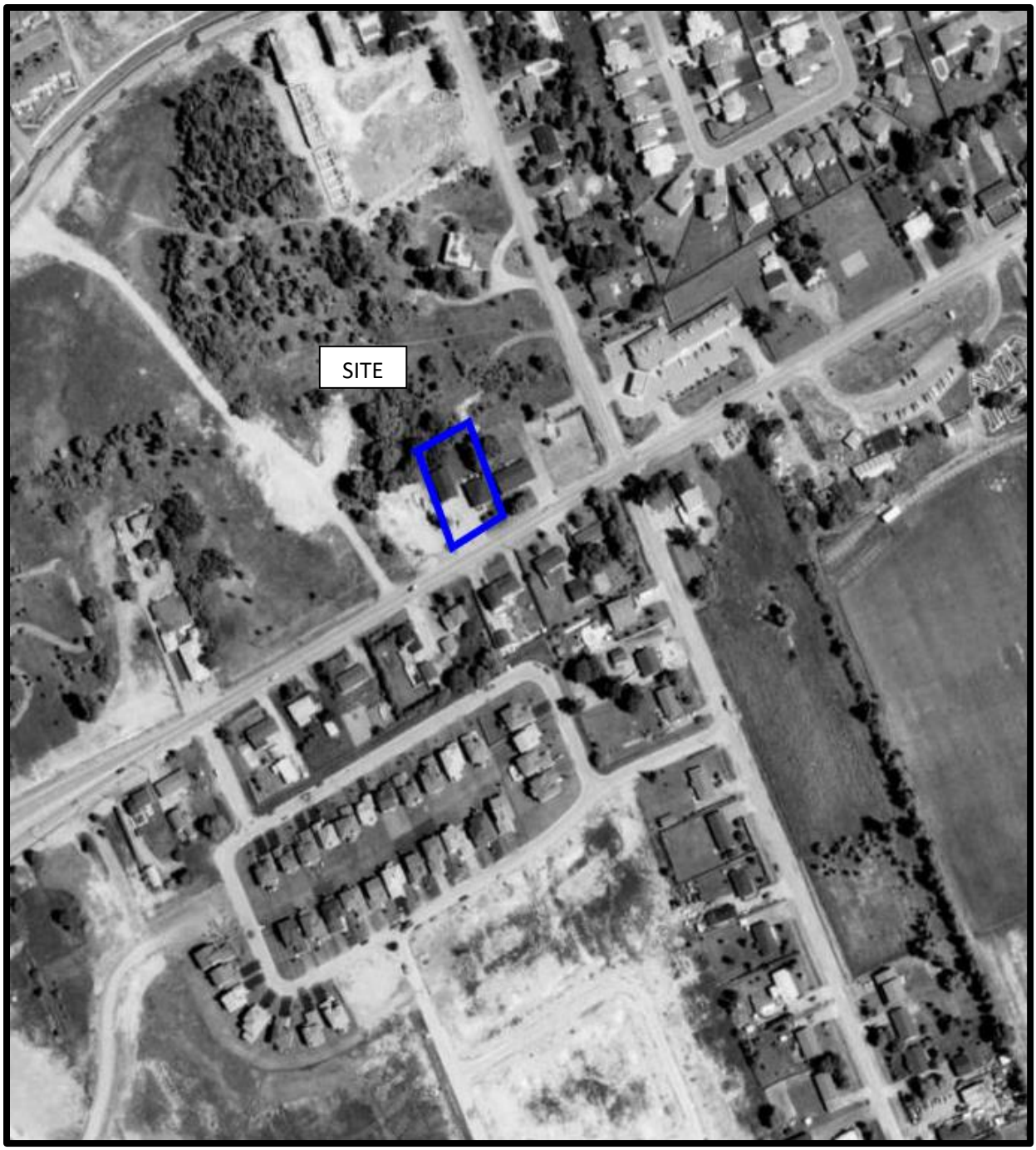
patersongroup



AERIAL PHOTOGRAPH
1965

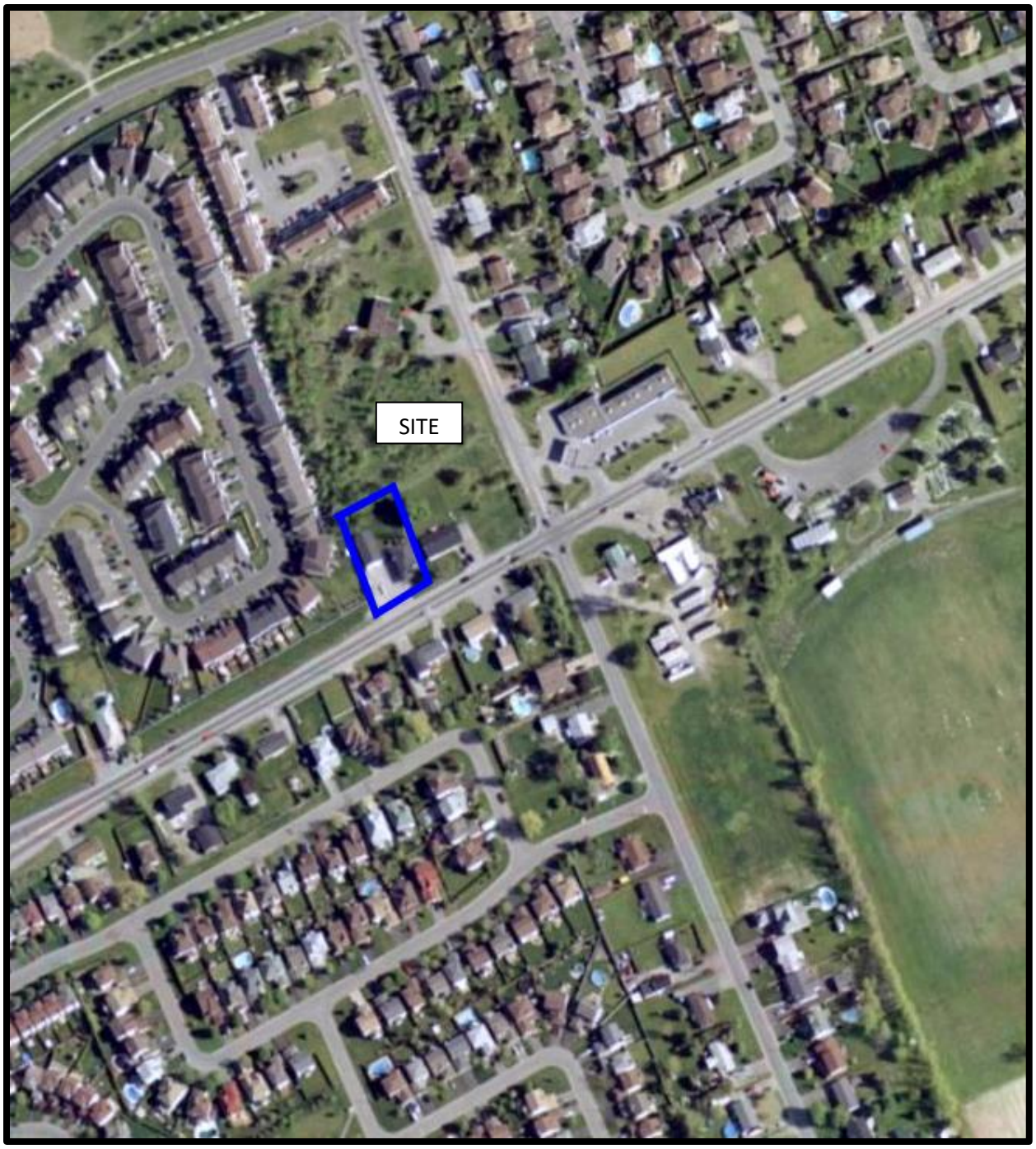


AERIAL PHOTOGRAPH
1976



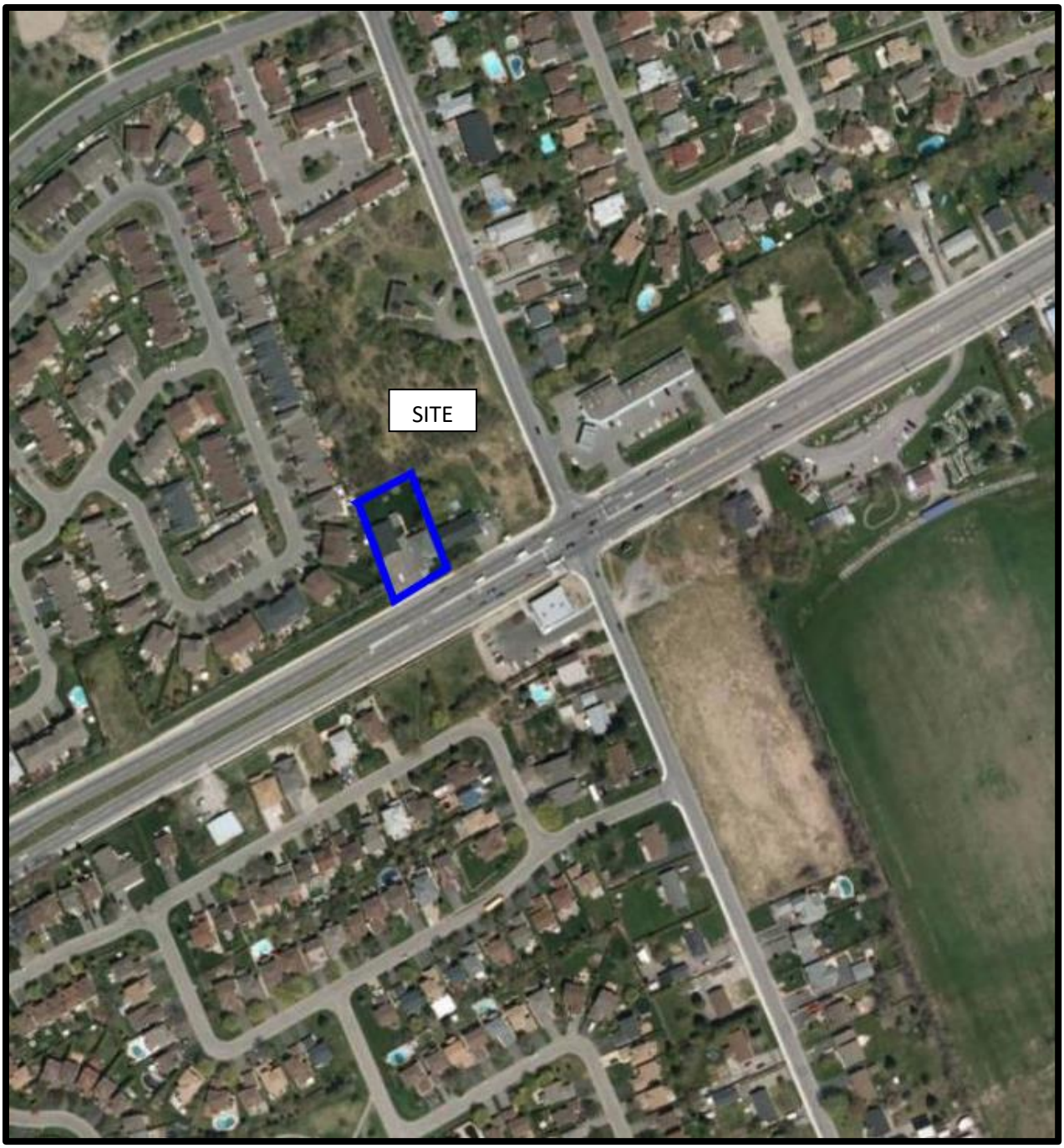
AERIAL PHOTOGRAPH
1991

patersongroup



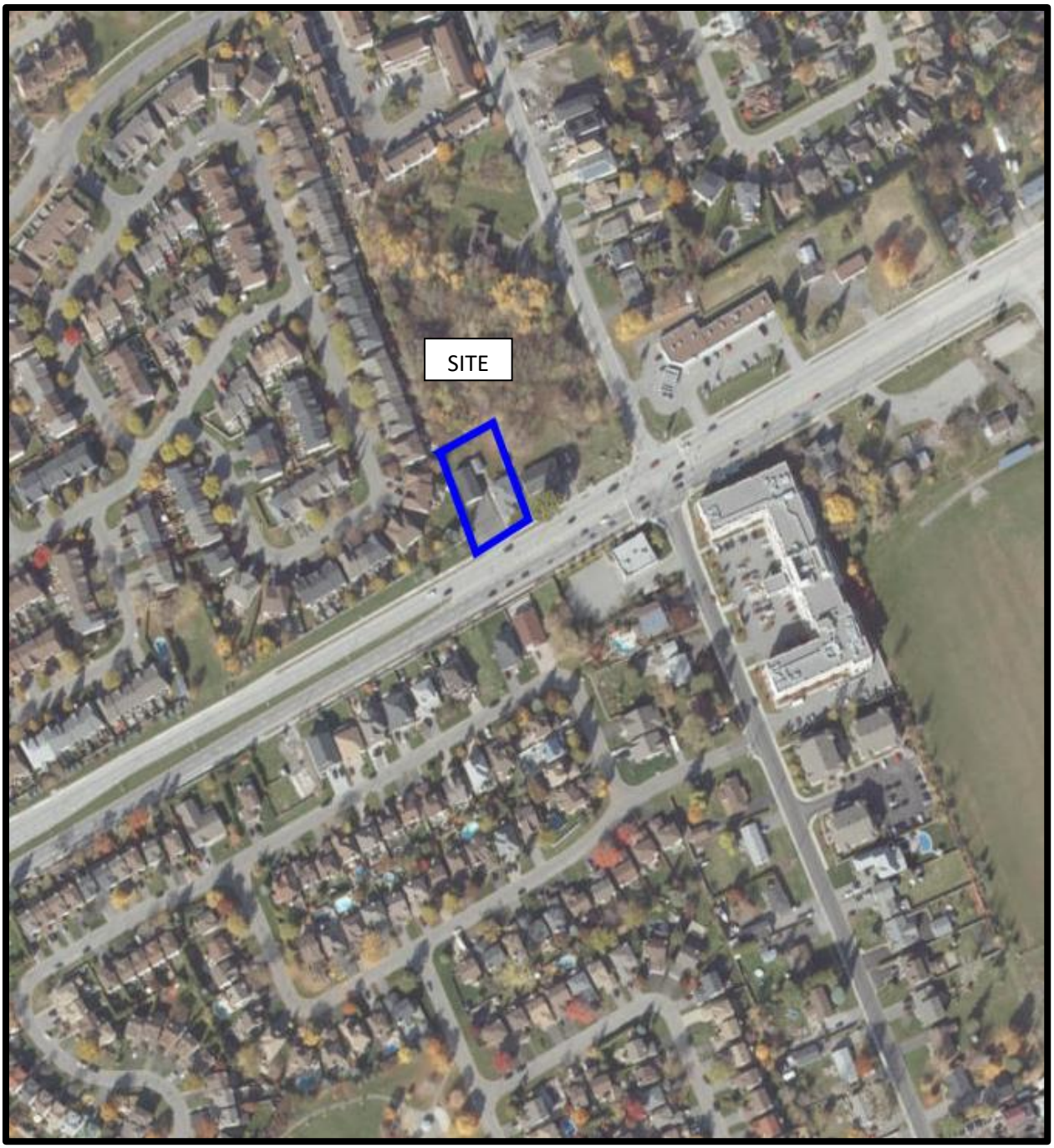
AERIAL PHOTOGRAPH
2002

patersongroup



AERIAL PHOTOGRAPH
2011

patersongroup



AERIAL PHOTOGRAPH
2019

patersongroup

Site Photographs

PE4282 3437 Innes Road, Ottawa, ON May 25, 2021

Photograph 1: View of the residential dwelling, taken from Innes Road.

Photograph 2: View of the southern portion of the Phase I ESA Property.

Site Photographs

PE4282 3437 Innes Road, Ottawa, ON May 25, 2021

Photograph 3: View of the private garage, situated on the western side of the subject property.

Photograph 4: View of the northern portion or backyard subject property.

APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA CORRESPONCENCE

HISTORICAL LAND USE INVENTORY

ERIS REPORT

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Bureau de l'accès à l'information et de la protection de la vie privée

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

May 3, 2021

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act*** **Request**
Our File # A-2021-01630, Your Reference 20210503142425822

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee).

The search will be conducted on the following: 3437 Innes Road, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

If you have any questions regarding this matter, please contact Eric Giang at 416-274-2927 or eric.giang@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

316/5h. "B"

UTM ~~1 8 | 4 5 8 7 8 5~~ E
5 R | 5 0 3 2 5 3 0 N

Elev. 4 R 3 0 3 0 4

1220

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 2 5

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

Con: 2 OF — Lot: 5 — Date completed: July 16, 1962 (day month year)

[redacted] ress: Orleans, Ont.

Casing and Screen Record

Inside diameter of casing: 2"
Total length of casing: 8'
Type of screen:
Length of screen:
Depth to top of screen:
Diameter of finished hole: 2"

Pumping Test

Static level: 4'
Test-pumping rate: 8 G.P.M.
Pumping level: 20'
Duration of test pumping: 2 hrs
Water clear or cloudy at end of test: Clear
Recommended pumping rate: 8 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)
Grey Limestone	0'	37'	37'	fresh

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

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

Drilling or Boring Firm: G. CHARBONNEAU

Address: DIAMOND DRILLER · ARTESIAN WELLS
MODERN HOME BUILDERS
ORLEANS, ONT.
R.R. 1 Navan 9R - 25

Licence Number: 600

Name of Driller or Borer: G. Charbonneau

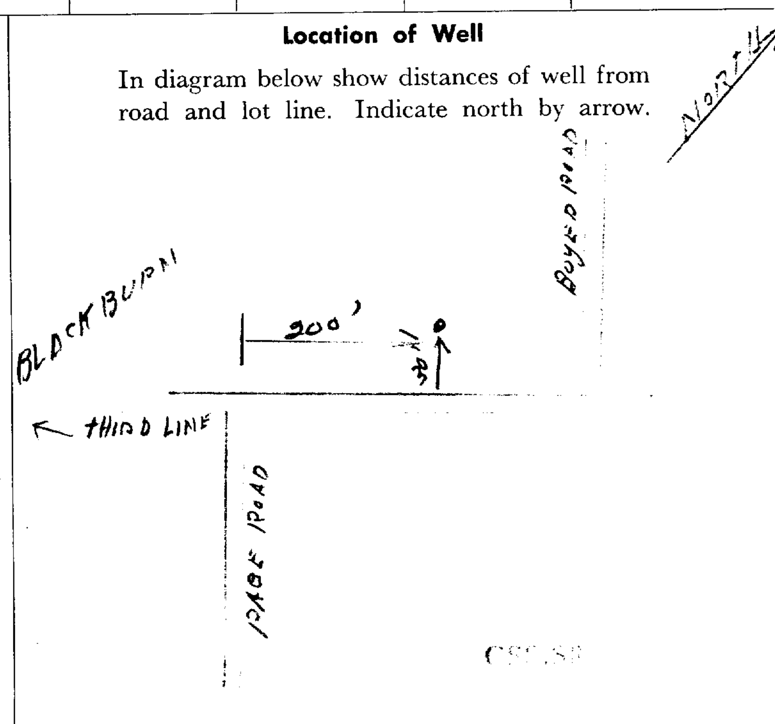
Address: R.R. # 1, Box 194, Orleans, Ont.

Date: July 16, 1962

Gerard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 10M-62-1152

OWRC COPY

316/5h.

UTM 18 Z 4586710 E

5 R 5032490 N

Elev. 4 R 0303

Basin 25

Ottawa Front
Con. II
Lot 6

ONTARIO

RECEIVED 15 OCT 22 1953 GEOLOGICAL BRANCH DEPARTMENT of MINES

No 1230

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted], ~~Village, Town or City~~ Gloucester
own or City)
Orleans

Date Completed Oct 19/53 (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record	Pumping Test
Casing diameter(s) 2	Date Oct 19/53
Length(s) of casing(s) 10	Static level 10 ft
Type of screen	Pumping level 15 ft
Length of screen	Pumping rate 500 gls
Distance from top of screen to ground level	Duration of test 1 hrs
Is well a gravel-wall type? Rock	Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? household
How far is well from possible source of contamination? None
What is the source of contamination?
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
41	fresh	31

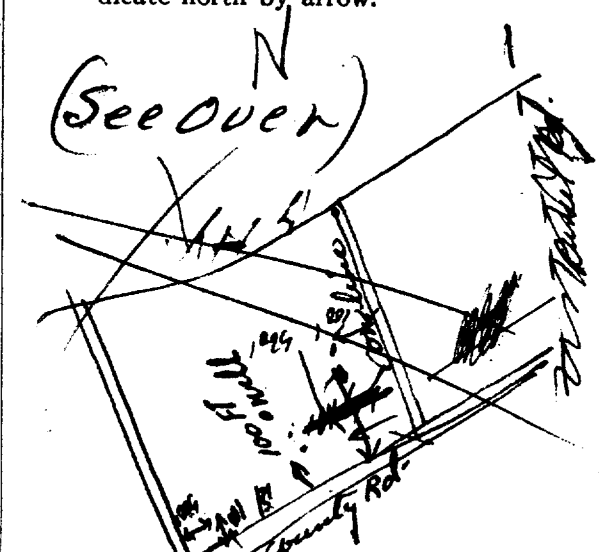
Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
Limestone	0	48

Location of Well

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

(See Over)



Situation: Is well on upland, in valley, or on hillside? Hill
Drilling Firm J. B. Dufour
Address 870 Carling
Name of Driller G. Bernier Address
Date Oct 19/53 Licence Number

Gerard Bernier
Signature of Licensee

FORM 5

316/5h. (74)

UTM 18 Z 458650 E
5 R 5032610 N
Elev. 4 R 0304 OTTAWA FRONT
Basin 25

15 No. 1233

GROUND WATER BRANCH
SEP 7 1960
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

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

[redacted] Date completed 30 (day) JUNE (month) 1960 (year)

[redacted] ress BOYER ROAD ORLEANS ONTARIO

Casing and Screen Record

Inside diameter of casing 6"
Total length of casing 17'
Type of screen NONE
Length of screen NONE
Depth to top of screen NONE
Diameter of finished hole 6 INCH

Pumping Test

Static level 5' FEET
Test-pumping rate 42 G.P.M.
Pumping level 140 FEET
Duration of test pumping 24 HOURS
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 42 G.P.M.
with pumping level of 140 FEET

Well Log

Overburden and Bedrock Record	From ft.	To ft.
CLAY	0	7
GREY LIMESTONE	7	164

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
90	70	FRESH
150	145	"
164	159	"

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

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

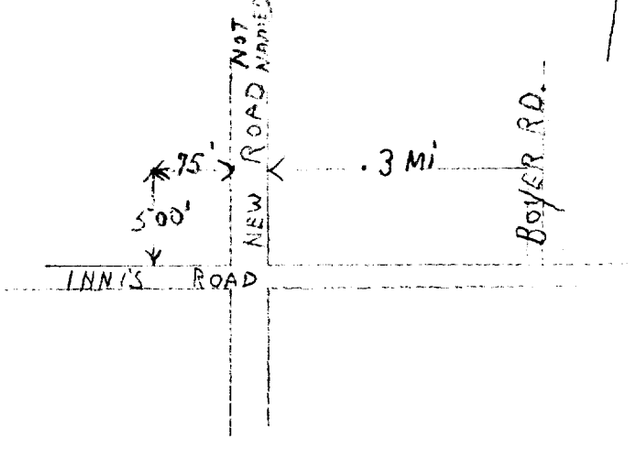
Drilling Firm M. OLOUGHNEY
Address OTTAWA

Licence Number 247
Name of Driller E. MOLOUGHNEY
Address 13 PINHEY STREET
Date June 30/60

W. D. McLoughney
(Signature of Licensed Drilling Contractor)

Location of Well

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



316/5h.

UTM 1 8 Z 4 5 8 5 6 0 E

5 R 5 0 3 2 5 6 0 N

Elev. [illegible] R 7 Holst of FRONT

Basin [illegible] 11

Lot 6

15 No 1236

GROUND WATER BRANCH
APR 21 1961
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

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

[redacted]te completed 8 (day) April (month) 1961 (year)

[redacted]dress 437 Cooper St. Ottawa, Ont.

Casing and Screen Record

Inside diameter of casing 6 3/16"

Total length of casing 16 Ft.

Type of screen None

Length of screen

Depth to top of screen

Diameter of finished hole 6"

Pumping Test

Static level 10'

Test-pumping rate 100 G.P.H.

Pumping level 2 30

Duration of test pumping 1 Hour

Water clear or cloudy at end of test Clear

Recommended pumping rate 100 G.P.H.

with pumping ~~level of~~ SET 200'

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)
Blue Clay	0	12			
SHALEY Rock LIMESTONE	12	240	120'	220	Fresh
			170'		
			230'		

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

Golf Driving Range

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

Upalnds

Drilling Firm J.B. DUFRESNE & CO. LTD.

Address OTTAWA? ONT.

Licence Number 565

Name of Driller W. Roy

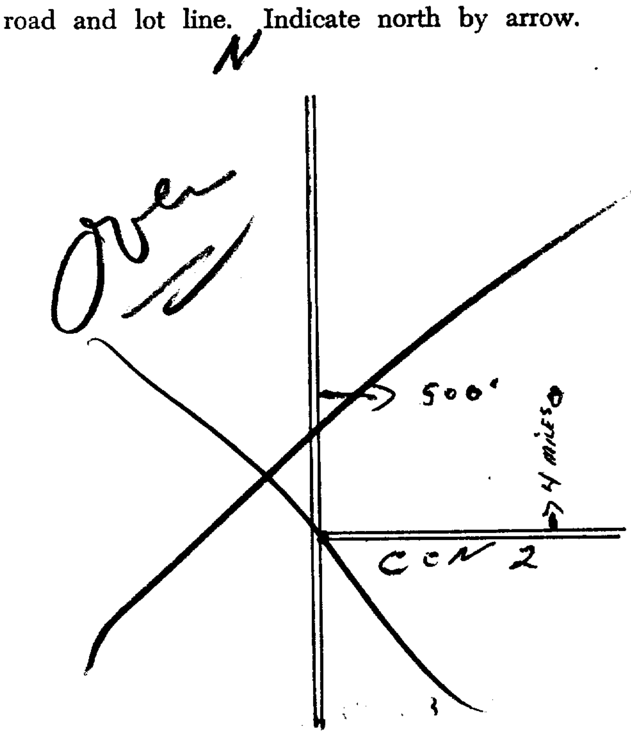
Address Hull, Que.

Date 18 April 1961

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

Location of Well

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



Form 5

316/5h

UTM 18 Z 4 5 8 5 7 0 E

OTTAWA FRONT

15 R 5 0 3 2 4 7 0 N

Elev. 34 R 0 3 0 1

Basin 2 5

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
217
NOV 14 1961
No 15
ONTARIO WATER RESOURCES COMMISSION

1287

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

Con. 2 OF Lot 6 Date completed May 8th, 1961 (day month year)

[redacted] Address Orleans, Ont.

Casing and Screen Record	
Inside diameter of casing	2"
Total length of casing	18'
Type of screen	
Length of screen	
Depth to top of screen	
Diameter of finished hole	2"

Pumping Test	
Static level	5
Test-pumping rate	12 G.P.M.
Pumping level	16
Duration of test pumping	1 hr.
Water clear or cloudy at end of test	clear
Recommended pumping rate	12 G.P.M.
with pump setting of	16 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)
blue clay	0	16	18	fresh
gravel	16	18		

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

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

Drilling or Boring Firm

G. CHARBONNEAU
DIAMOND DRILLER ARTESIAN WELLS
MODERN HOME BUILDERS
ORLEANS, ONT.
R.R. 1 Navan 9R-25

Address

Licence Number 224

Name of Driller or Borer G. Charbonneau

Address R. R. # 1, Box 194, Orleans, Ont.

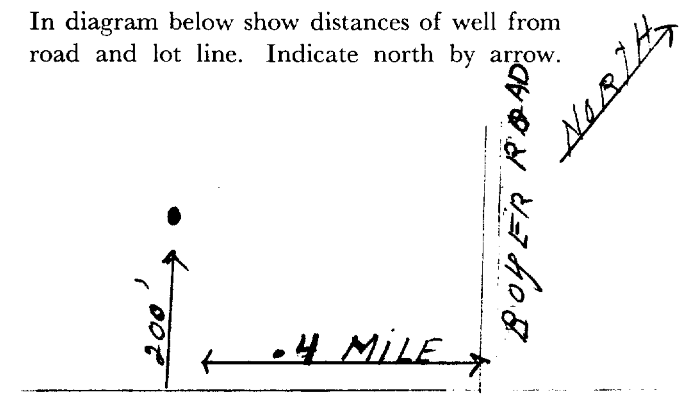
Date September 8th, 1961

Gérard Charbonneau

(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.



BLACKBURN

Form 7 15M Sets 60-5930

OWRC COPY

316/5h.

UTM 18 Z 458610 E
5 R 5032510 N

Elev. 4 R 0302

Basin 25

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
No. 12-38
DEC 7 1962
ONTARIO WATER RESOURCES COMMISSION

County or District Carleton
Township, Village, Town or City Gloucester
Con. 2 OS Lot 6
Date completed November 3, 1962 (day month year)
[redacted] dress R.R. # 1, Orleans, Ont.

Casing and Screen Record

Inside diameter of casing 2"
Total length of casing 15'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 2"

Pumping Test

Static level 6
Test-pumping rate 12 G.P.M.
Pumping level 20
Duration of test pumping 1 hr.
Water clear or cloudy at end of test clear
Recommended pumping rate 12 G.P.M.
with pump setting of 20 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
loam	0	3	27'	fresh
grey limestone	3	27		

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

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

Drilling or Boring Firm
G. Charbonneau, Diamond & Cable Drilling
Address R.R. # 1, Box 194, Orleans, Ont.

Licence Number 600
Name of Driller or Borer G. Charbonneau,
Address R.R.# 1, Box 194, Orleans, Ont.
Date November 3, 1962

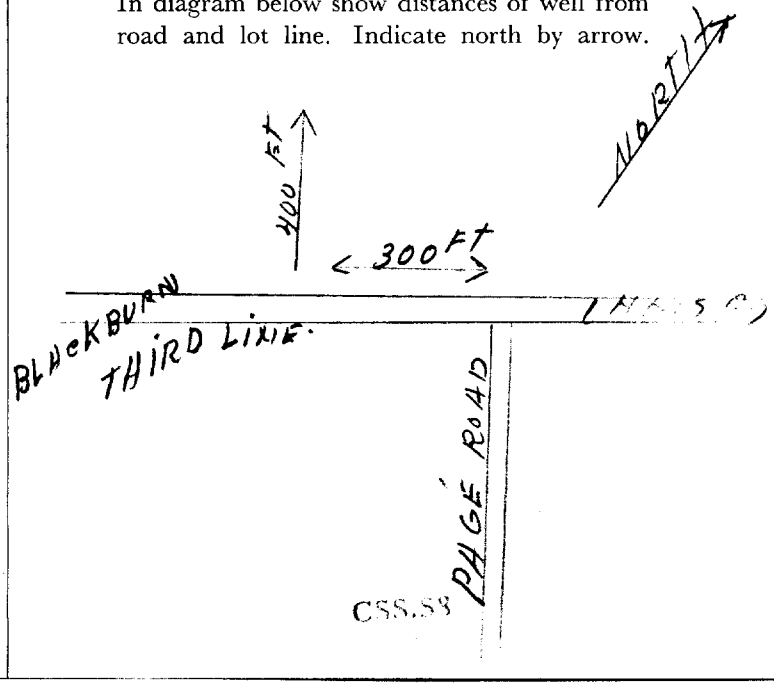
Gérard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Form 7 10M-62-1152

OWRC COPY

Location of Well

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



316/5h.

UTM |1|8| Z |4|5|8|7|0|0| E

|5| R |5|0|3|2|4|8|0| N

Elev. |4| R |0|3|0|2|

Basin |2|5| | | | |

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District ~~[illegible]~~ Carleton Township, Village, Town or City Gloucester

Con. 2 OF Lot 6 Date completed 8 September 1962 (day month year)

[redacted]dress Orleans, Ont.

Casing and Screen Record	
Inside diameter of casing	2"
Total length of casing	12'
Type of screen	
Length of screen	
Depth to top of screen	
Diameter of finished hole	2"

Pumping Test	
Static level	5'
Test-pumping rate	12 G.P.M.
Pumping level	20'
Duration of test pumping	2 hrs.
Water clear or cloudy at end of test	clear
Recommended pumping rate	12 G.P.M.
with pump setting of	20' feet below ground surface

Well Log: Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
limestone	0	37	37	fresh

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

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

Drilling or Boring Firm G. Charbonneau, Diamond & Cable Drilling

Address R. R. # 1, Box 194, Orleans, Ont.

Licence Number 600

Name of Driller or Borer G.Charbonneau

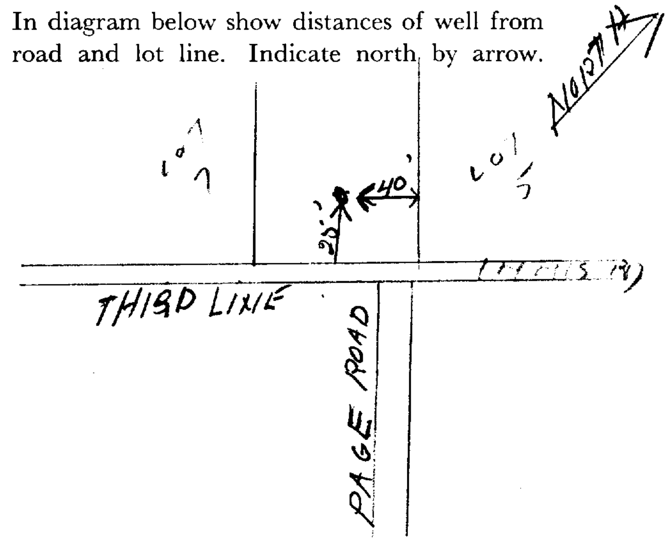
Address R.R. # 1, Box 194, Orleans, Ont.

Date September, 8, 1962.

Gerard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 10M-62-1152

OWRC COPY

CSS.S8

CM 946 31G5h 205

UTM 18 Z 4581605 E

5 R 5032375 N

Elev. 4 R 0300

Basin 25 14 / 16

15 No 1422

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

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

Con. 3 OF Lot 6 — Date completed 3 (day) MARCH (month) 1961 (year)

[redacted]ress ORLEANS. ONT.

Casing and Screen Record		Pumping Test	
Inside diameter of casing	3"	Static level	2 1/2'
Total length of casing	36'	Test-pumping rate	15 G.P.M.
Type of screen	X	Pumping level	3'
Length of screen	X	Duration of test pumping	1 HOURS.
Depth to top of screen	X	Water clear or cloudy at end of test	CLEAR
Diameter of finished hole	2"	Recommended pumping rate	2 G.P.M.
		with pumping level of	3'

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)
BLUE-CLAY	1'	36'	70'	67 1/2'	FRESH
GREY-LIME-STONE	36'	70'			

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

HOUSE

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

UPLAND.

Drilling Firm W. COSSETTE

Address RR1 - BOX 42

ORLEANS. ONT.

Licence Number 460.

Name of Driller SAME

Address

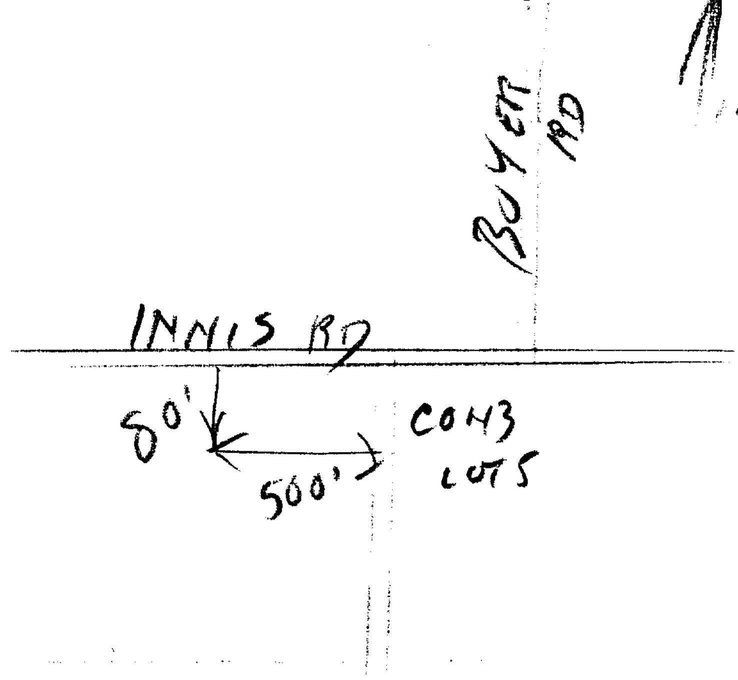
Date MARCH 3/61

Wilfrid Cossette

(Signature of Licensed Drilling Contractor)

Location of Well

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



UTM 18 Z 4 5 8 6 4 0 E   3165h

5 0 3 2 4 1 0 N

Elev. 4 0 3 0 0

Basin 25

The Ontario Water Resources Commission Act

WATER WELL RECORD

№ 1423

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

Con. 3 O F   Lot ~~part of N½ lot~~ 6   Date completed Aug. 16 (day) (month) 1961 (year)

[redacted]ddress 1020 Fairlawn, Ottawa

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

Pumping Test	
Static level	4'
Test-pumping rate	7 G.P.M.
Pumping level	20
Duration of test pumping	1 hr.
Water clear or cloudy at end of test	clear
Recommended pumping rate	7 G.P.M.
with pump setting of	20 feet below ground surface

Well Log: Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
grey limestone	0	58	58	fresh

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

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

Drilling or Boring Firm G. Charbonneau, Diamond Drilling

Address R. R. # 1, Box 194, Orleans, Ont.

Licence Number 224

Name of Driller or Borer G. Charbonneau

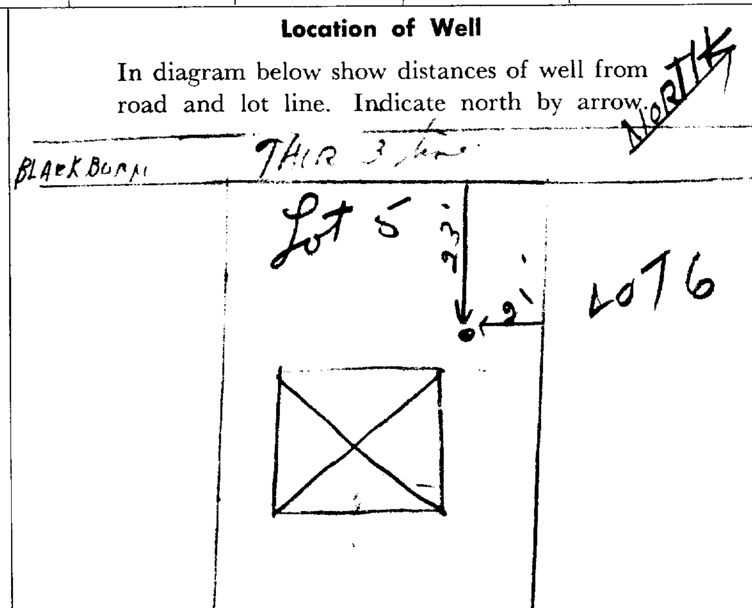
Address R. R. # 1, Box 194, Orleans, Ont.

Date Aug. 16, 1961

Gerard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

OWRC COPY

UTM 18 4587210 E 31G5h 307
15 5032450 N

Elev. 14 03010

Basin 25

The Ontario Water Resources Commission Act

WATER WELL RECORD

15 No 1434 GROUND WATER BRANCH AUG 15 1961 ONTARIO WATER RESOURCES COMMISSION

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

Con. 3 OF Lot ~~part of N½ lot~~ 6 Date completed June 15, 1961 (day month year)

[redacted]ddress 1020 Fairlong, Ottawa

Casing and Screen Record

Inside diameter of casing 2"

Total length of casing 7'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 2"

Pumping Test

Static level 3'

Test-pumping rate 10 G.P.M.

Pumping level 20'

Duration of test pumping 1 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 10 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)
bolders & gravel	0	5	41	fresh
~~1 grey limestone~~	~~5~~	~~41~~		

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

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

Drilling or Boring Firm G. Charbonneau, Diamond Drilling

Address R. R. # 1, Box 194, Orleans, Ont.

Licence Number 224

Name of Driller or Borer G. Charbonneau

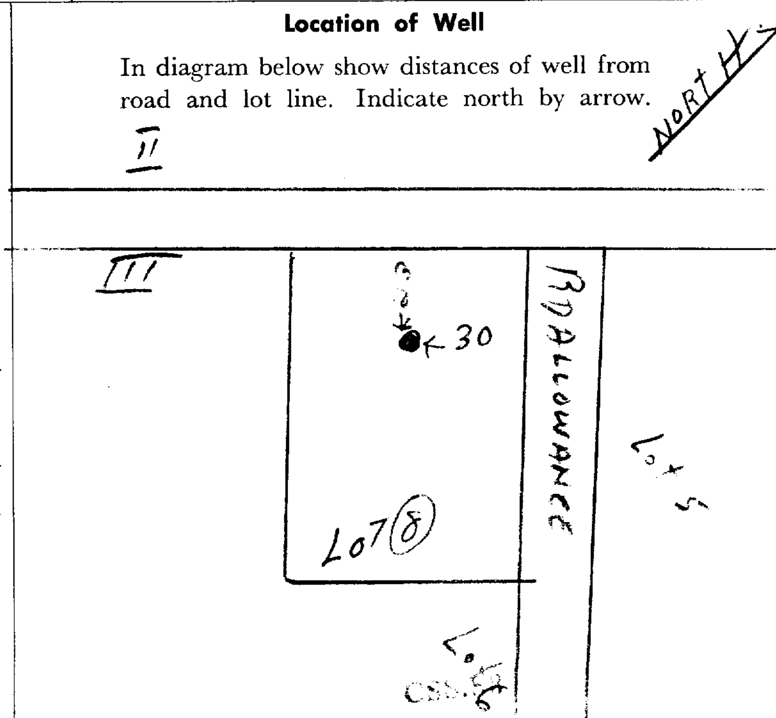
Address R. R. # 1, Box 194, Orleans, Ont.

Date June 15, 1961

Gerard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

OWRC COPY

UTM 1 | 18 | 4 5 | 8 | 7 0 0 | E   31G5h

15 | 5 0 3 2 | 4 3 5 | N

Elev. | 4 | 0 3 0 | 0 |

Basin | 25 |

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District: Carleton   Township, Village, Town or City: Gloucester Twp.

Con. 3 oF   Lot ~~Part of N½ lot 6~~   Date completed: June 16, 1961 (day month year)

[redacted]ddress 1020 Fairlong, Ottawa

Casing and Screen Record

Inside diameter of casing: 2"
Total length of casing: 7'
Type of screen:
Length of screen:
Depth to top of screen:
Diameter of finished hole: 2"

Pumping Test

Static level: 3'
Test-pumping rate: 10 G.P.M.
Pumping level: 20'
Duration of test pumping: 1 hr.
Water clear or cloudy at end of test: clear
Recommended pumping rate: 10 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)
bolders & gravel	0	5	45	fresh
grey limestone	5	45		

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

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

Drilling or Boring Firm: G. Charbonneau, Diamond Drilling

Address: R. R. # 1, Box 194, Orleans, Ont.

Licence Number: 224

Name of Driller or Borer: G. Charbonneau

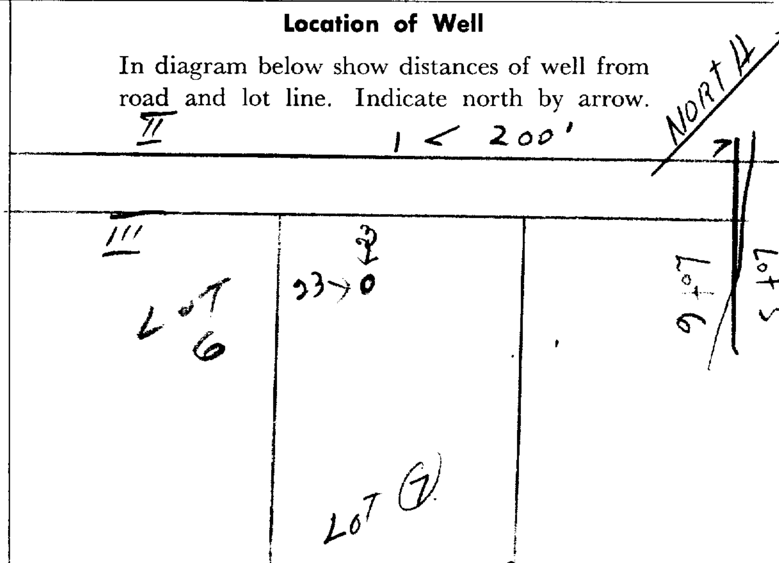
Address: R. R. # 1, Orleans, Ont.

Date: June 16, 1961

Gerard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

OWRC COPY

UTM 1 8 Z 4 5 8 6 6 5 E   31G5h

5   5 0 3 2 4 2 0 N

Elev 4 0 3 0 0

Basin 25

15 No 1436

GROUND WATER BRANCH
AUG 15 1961
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

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

Con. 3 OF   Lot ~~part of N½~~ lot 6   Date completed June 17, 1961 (day month year)

[redacted]ddress 1020 Fairlong, Ottawa

Casing and Screen Record

Inside diameter of casing 2"

Total length of casing 7'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 2"

Pumping Test

Static level 3'

Test-pumping rate 10 G.P.M.

Pumping level 20'

Duration of test pumping 1 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 10 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)
bolders & gravel	0	5	50	fresh
grey limestone	5	50		

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

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

Drilling or Boring Firm G. Charbonneau, Diamond Drilling

Address R. R. # 1, Box 194, Orleans, Ont.

Licence Number 224

Name of Driller or Borer G. Charbonneau

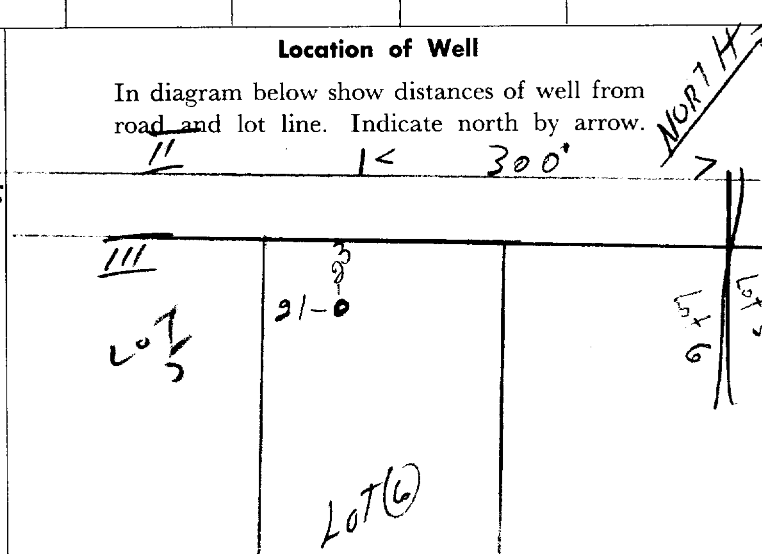
Address R. R. # 1, Orleans, Ont.

Date June 17, 1961

Gérard Charbonneau
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

OWRC COPY

31 G/5 R

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

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

11 | 1510698 | MUNICIP. 15002 | CON. ØF | C 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT 25-27
Carleton	Gloucester	2 OF	006

[redacted] gé Road, Orleans, Ont.

DATE COMPLETED 48-53: DAY 13 MO 08 YR 70

[redacted] 032500 | RC. 4 | ELEVATION 0300 | RC. 4 | BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
grey	limestone			0	48

31 | 0048215

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0048	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
15-18	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.910	0	0020
17-18	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

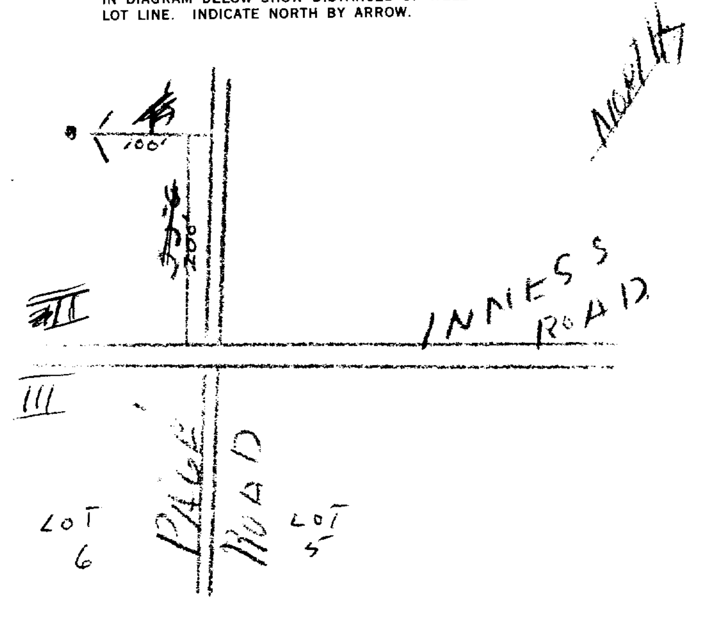
DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

PUMPING TEST METHOD	1 ☒ PUMP 2 ☐ BAILER
PUMPING RATE	0010 GPM. (6.30 struck out)
DURATION OF PUMPING	02 HOURS 00 MINS.
STATIC LEVEL	004 FEET
WATER LEVEL END OF PUMPING	015 FEET (006 struck out)
WATER LEVELS DURING	1 ☒ PUMPING 2 ☐ RECOVERY
15 MINUTES	015 FEET
30 MINUTES	015 FEET
45 MINUTES	015 FEET
60 MINUTES	015 FEET
IF FLOWING, GIVE RATE	GPM.
PUMP INTAKE SET AT	25 FEET
WATER AT END OF TEST	1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE	☒ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING	025 FEET
RECOMMENDED PUMPING RATE	0006 GPM.
GPM./FT. SPECIFIC CAPACITY	000.9

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE 02

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: G. Charbonneau, Diamond & Cable Drilling, 1504 — LICENCE NUMBER

ADDRESS: R. R. 2, Box 194, Orleans, Ont.

NAME OF DRILLER OR BORER: R. Wolfe — LICENCE NUMBER

SIGNATURE OF CONTRACTOR: [signature]

SUBMISSION DATE: DAY 13 MO 8 YR 70

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1504 | DATE RECEIVED: 230271

DATE OF INSPECTION | INSPECTOR

REMARKS:

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OWRC COPY

The Ontario Water Resources Commission Act

WATER WELL RECORD

31G/5h

Water management in Ontario

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

11 | 1510714 | MUNICIP. 15902 | CON. OF | C | 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Gloucester	2 OF	005

OWNER (SURNAME FIRST) [redacted]

[redacted] Orleans, Ont. Page Rd.,

DATE COMPLETED: DAY 09 MO 05 YR 70

NG 032560 | RC. 4 | ELEVATION 0300 | RC. 4 | BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	DEPTH – FEET TO
grey	loose rock			0	3
grey	limestone			3	38

31 | 0003226 | 0938215

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
038	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	DEPTH – FEET TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	STD	0	~~20~~ 0020
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0038
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
☒ PUMP 2 ☐ BAILER	0010 GPM. ~~10~~	02 HOURS 00 MINS. ~~2~~

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
004 FEET	015 ~~X~~ FEET	015 FEET	015 FEET	015 FEET	015 FEET

1 ☒ PUMPING 2 ☐ RECOVERY

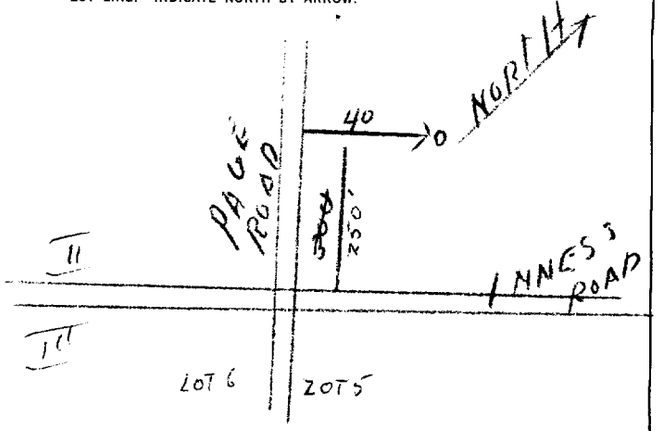
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM.	20 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☒ SHALLOW ☐ DEEP	020 FEET	0006 GPM.

50-53 000.9 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE 01

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: G. Charbonneau, Diamond & Cable Drilling, 1504 | LICENCE NUMBER

ADDRESS: R. R. 2, Box 194, Orleans, Ont.

NAME OF DRILLER OR BORER: G. Charbonneau | LICENCE NUMBER: 1504

SIGNATURE OF CONTRACTOR: Gérard Charbonneau | SUBMISSION DATE: DAY 9 MO. 5 YR. 70

OWRC COPY

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	1504	230271

DATE OF INSPECTION | INSPECTOR

REMARKS:

The Ontario Water Resources Commission Act

WATER WELL RECORD

31G/5L

Water management in Ontario

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

11

1510715 MUNICIP. 15002 CON. OF e 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Gloucester	2 OF	005

[redacted] rleans, Ont.

DATE COMPLETED DAY 03 MO. 04 YR. 70

NG 0132580 RC. 4 ELEVATION 0300 RC. 4 BASIN CODE 25t

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	DEPTH – FEET TO
grey	loose rock			0	3
grey	limestone			3	32

31 0003226 0032215t

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0032	1 ☒ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	DEPTH – FEET TO
02	1 ☐ STEEL 2 ☒ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	STO	0	0020
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0032
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	DEPTH SET AT – FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE: 0010 GPM. DURATION OF PUMPING: 02 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
004 FEET	020 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	015 FEET	020 FEET	020 FEET	020 FEET

IF FLOWING, GIVE RATE: GPM.

PUMP INTAKE SET AT: 20 FEET

WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP

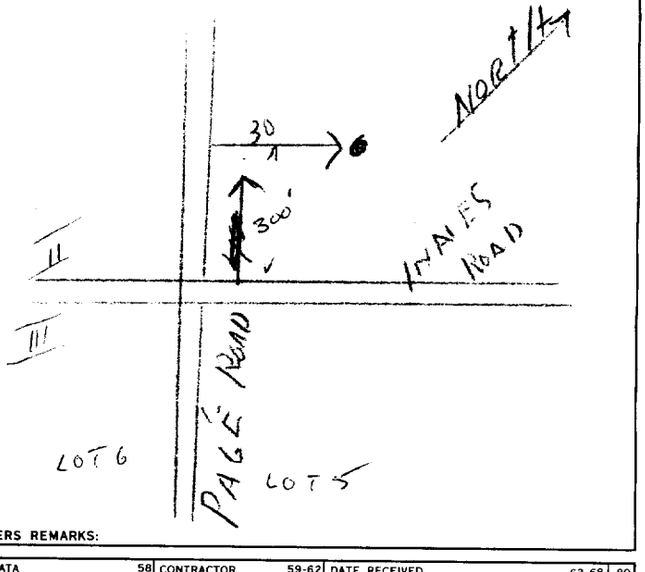
RECOMMENDED PUMP SETTING: 020 FEET

RECOMMENDED PUMPING RATE: 0006 GPM.

000.6 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE 01

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: ~~G. Charbonneau, Diamond & Cable Drilling, 1504~~ LICENCE NUMBER

ADDRESS: R. R. 2, Box 194, Orleans, Ont.

NAME OF DRILLER OR BORER: R. Wolfe LICENCE NUMBER

SIGNATURE OF CONTRACTOR: Gerard Charbonneau SUBMISSION DATE DAY 3 MO 4 YR 70

OWRC COPY

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 1504 DATE RECEIVED: 230271

DATE OF INSPECTION: INSPECTOR:

REMARKS:

31G/5R

The Ontario Water Resources Commission Act

WATER WELL RECORD

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
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11 | 1511029 | MUNICIP. 15002 | CON. OE C 03

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON, BLOCK, TRACT, SURVEY, ETC.	LOT
CARLETON	GLOUCESTER	~~3RD LINE~~ 3 OF	~~6~~ 006

[redacted] x 507, ORLEANS, ONT

DATE COMPLETED: DAY 25 MO. 11 YR. 70

[redacted] 32390 | RC. 4 | ELEVATION 0300 | RC. 4 | BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	DEPTH – FEET TO
	SAND			0	4
	ROCK		BROKEN	4	10
GREY	LIMESTONE			10	56

31 | 0004 09 | 0010 12 | 0056 2 15

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0054	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
~~0056~~	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	DEPTH – FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	0020 ~~20~~
~~6~~ 4	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0056
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT – FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
18	20	CEMENT GROUT

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☒ BAILER

PUMPING RATE: 0015 GPM.

DURATION OF PUMPING: 01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
010 FEET	015 FEET	015 FEET	015 FEET	015 FEET	015 FEET

1 ☒ PUMPING 2 ☐ RECOVERY

IF FLOWING, GIVE RATE: GPM.

PUMP INTAKE SET AT: FEET

WATER AT END OF TEST: 1 ☐ CLEAR 2 ☒ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP

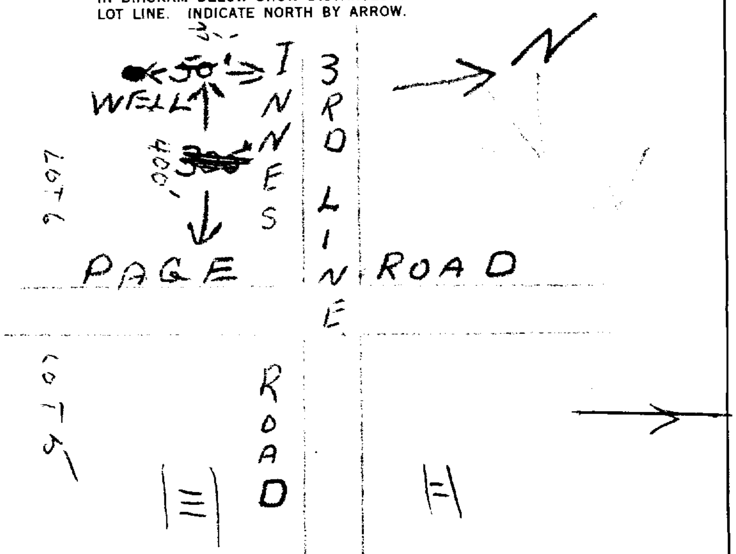
RECOMMENDED PUMP SETTING: 030 FEET

RECOMMENDED PUMPING RATE: 0010 GPM.

0030 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: MCLEAN WATER SUPPLY — LICENCE NUMBER: 3504

ADDRESS: 1532 RAVEN AVE, OTTAWA 3,

NAME OF DRILLER OR BORER: M. MALLON — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [signature]

SUBMISSION DATE: DAY 26 MO. 11 YR. 70

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 3504 | DATE RECEIVED: 220171

DATE OF INSPECTION: | INSPECTOR:

REMARKS:

P
WI

OWRC COPY

Ontario Ministry of the Environment

Well Tag Number A020636

A020636

Well Record

Regulation 903 Ontario Water Resources Act

page 1 of 2

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

RR#/Street Number/Name: 2084 Montreal Road

City/Town/Village: OTTAWA

Site/Compartment/Block/Tract etc.

GPS Reading: NAD 83 | Zone 18 | Easting 458590 | Northing 5032790

Unit Make/Model

Mode of Operation: ☐ Undifferentiated ☐ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
Brown	Sand + Gravel Fill		Loose	0	3 m
Grey + Brown	- Silty Clay		Compact.	3	5.1 m
			Typical B.H.		
			5 Monitoring wells as 1 Cluster		

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	5.1 m	20 cm

Water Record

Water found at ___ Metres / Kind of Water

- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
- ___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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

Chlorinated ☐ Yes ☑ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
Casing				
5 cm	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	Schedule 40	0	2 m
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam 6.3 cm	☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete ☐ Galvanized	Slot No. #10	2 m	5 m
No Casing or Screen				
	☐ Open hole			

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ___hrs +___ min	2		2	
Final water level end of pumping ___metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ___metres	5		5	
Recommended pump rate. (litres/min)	10		10	
	15		15	
If flowing give rate - (litres/min)	20		20	
	25		25	
If pumping discontinued, give reason:	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	1.1 m	Bentonite Hole Plug	2 Bags 20 Kg.

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☐ Air percussion ☐ Jetting ☑ Other Auger
☐ Rotary (reverse) ☐ Boring ☐ Driving

Water Use

☐ Domestic ☐ Industrial ☐ Public Supply ☑ Other Sample well
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☐ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☑ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Well Contractor/Technician Information

Name of Well Contractor: George Downing Estate Drilling Ltd — Well Contractor's Licence No.: 1844

Business Address (street name, number, city etc.): 410 Main St. Granville Sur La Rouge Quebec J0V-1B0

Name of Well Technician (last name, first name): Downing Bruce — Well Technician's Licence No.: 12173

Signature of Technician/Contractor: X Bruce Downing — Date Submitted: 2005/05/03

Location of Well

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

See Attached site PLAN.

Audit No. Z 27124

Date Well Completed: 2005/04/11

Was the well owner's information package delivered? ☐ Yes ☑ No

Date Delivered

Ministry Use Only

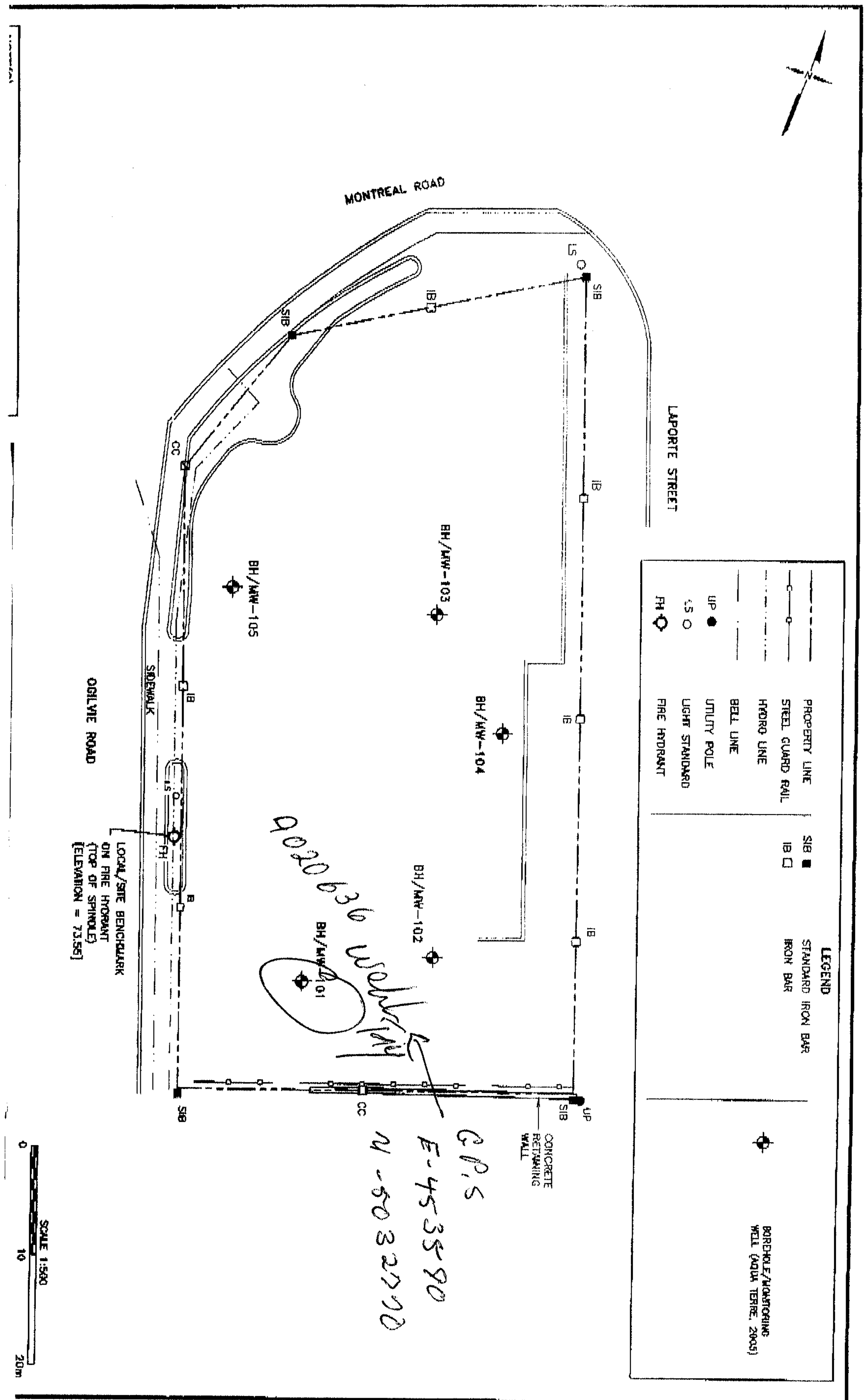
Data Source — Contractor: 1844

Date Received: MAY 28 2005 — Date of Inspection

Remarks — Well Record Number

0506E (09/03) Contractor's Copy ☐ Ministry's Copy ☑ Well Owner's Copy ☐

Cette formule est disponible en français



Z27124 1844 MAY 28 2005

Mandy Witteman

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May 4, 2021 3:39 PM
To: Mandy Witteman
Subject: RE: Search records request (PE4282)

Follow Up Flag: Follow up
Flag Status: Flagged

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

RECORD FOUND

Hello Mandy,

Thank you for your request for confirmation of public information.

- We confirm that there are records in our database of fuel storage tanks at the subject addresses:

Inst Numb	Address	City	Provin	Postal Co	Inststatusnan	Facility/Tank Details
9796661	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Active	FS GASOLINE STATION - SELF SERVE
10075567	3469 INNES RD RR 2	ORLÉANS	ON	K1C 1T1	Active	FS PROPANE CYLR HANDLING FACILITY
10762598	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Inactive	FS LIQUID FUEL TANK
10762616	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Inactive	FS LIQUID FUEL TANK
10762631	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Inactive	FS LIQUID FUEL TANK
64701573	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Active	FS LIQUID FUEL TANK
64701574	3469 INNES RD	GLOUCESTER	ON	K1C 1T1	Active	FS LIQUID FUEL TANK

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Saara

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: May 4, 2021 2:04 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search records request (PE4282)

Good afternoon,

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills or other incidents/infractions** for the following addresses in **Ottawa, ON:**

3400, 3432, 3437, 3469, 3484, 3490, 3493 and 3497 Innes Road;
2260 and 2305 Pagé Road;

Thank you

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

solution oriented engineering
over 60 years servicing our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 339
Cell: (403) 921-1157

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:** *3437 Innes Road, Ottawa ON*

** Mandatory Field*

Applicant/Agent Information:

Name: *Mandy Witteman*

Mailing Address: *154 Colonnade Road SouthOttawa, Ontario, K2E 7J5*

Telephone: *403-921-1157* Email Address: *MWitteman@Patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name: *George Elias*

Mailing Address: *154 Colonnade Road SouthOttawa, Ontario, K2E 7J5*

Telephone: *403-921-1157* Email Address: *elias.george@gmail.com*

Site Details

Legal Description and PIN:

What is the land currently used for? *Residential*

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

OR Lot area: (irregular lot) 1840 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	$128.00

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.

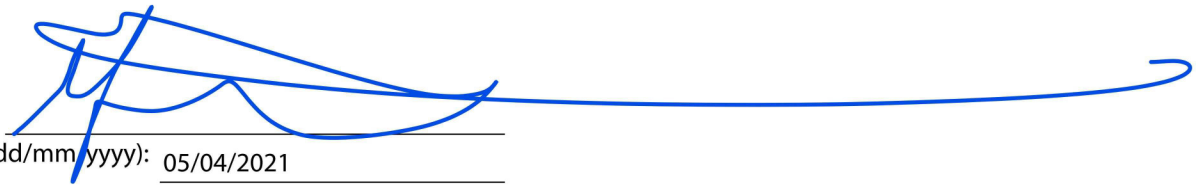
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the 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): 05/04/2021

Per: Mandy Witteman
(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc.

patersongroup Consulting Engineers

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

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

www.patersongroup.ca

May 3, 2021
File: PE4282-HLUI

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment Update
3437 Innes Road, Ottawa, ON

Dear Sir

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: Bishara Elias, Nehme Elias & Walid Elias

Name of Representative George Elias

Signature of Representative

Date May 5, 2021

DATABASE REPORT

Project Property:	*PE4248 - 3437 Innes Road* *PE4248 - 3437 Innes Road* *Orléans ON K1C 7M6*
Project No:	
Report Type:	*Standard Report*
Order No:	*21050300166*
Requested by:	*Paterson Group Inc.*
Date Completed:	*May 6, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property: *PE4248 - 3437 Innes Road*
PE4248 - 3437 Innes Road Orléans ON K1C 7M6

Project No:

Coordinates:

Latitude:	*45.4464643*
Longitude:	*-75.5283237*
UTM Northing:	*5,032,684.61*
UTM Easting:	*458,684.67*
UTM Zone:	*18T*

Elevation: *295 FT*
89.88 M

Order Information:

Order No: *21050300166*
Date Requested: *May 3, 2021*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	3	3
BORE	Borehole	Y	0	6	6
CA	Certificates of Approval	Y	0	6	6
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	11	11
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	3	3
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	6	6
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	14	14
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Within 0.25 km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	4	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	35	35
	Total:		0	101	101

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		3443 Innes Rd Ottawa ON K1C1T1	NE/22.7	0.00	30
1	SPL		3443 Innes Rd. Ottawa ON K1C 1T1	NE/22.7	0.00	30
2	WWIS		lot 6 con 2 ON ***Well ID:*** 1501230	NE/31.8	0.00	30
3	WWIS		lot 6 con 3 ON ***Well ID:*** 1501436	SSE/44.0	-1.00	32
4	WWIS		lot 6 con 2 ON ***Well ID:*** 1501239	ENE/49.3	0.00	35
5	WWIS		lot 6 con 2 ON ***Well ID:*** 1510698	NE/52.0	0.00	37
6	WWIS		lot 6 con 3 ON ***Well ID:*** 1501435	ESE/53.8	0.08	39
7	WWIS		lot 6 con 3 ON ***Well ID:*** 1501423	SSW/54.4	-1.00	42
8	WWIS		lot 6 con 3 ON ***Well ID:*** 1501434	E/67.3	-1.00	44
9	WWIS		lot 6 con 2 ON ***Well ID:*** 1501238	WNW/71.7	0.00	46
10	WWIS		lot 6 con 3 ON ***Well ID:*** 1511029	SSW/73.9	-1.00	48
11	EHS		2310 Page Road Ottawa ON	ESE/75.0	-1.00	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	CA	GLOUCESTER CITY - SILVERBIRCH RD.	PAGE RD./INNES RD./BUTTONFIELD GLOUCESTER CITY ON	E/83.1	0.00	52
12	CA	GLOUCESTER CITY	PAGE RD./INNES RD./MEADOWGLEN GLOUCESTER CITY ON	E/83.1	0.00	52
13	CA	TOM PYNN/JACQUELINE LOCKE-PT. LOT 5,CON3	PAGE RD./INNES RD. GLOUCESTER CITY ON	E/83.2	0.00	52
13	CA	R.M. OF OTTAWA-CARLETON	INNES RD. PAGE RD. GLOUCESTER CITY ON	E/83.2	0.00	53
13	CA	GLOUCESTER CITY	PAGE RD./INNES RD. GLOUCESTER CITY ON	E/83.2	0.00	53
14	WWIS		lot 6 con 2 ON ***Well ID:*** 1501237	W/84.2	0.00	53
15	WWIS		lot 6 con 3 ON ***Well ID:*** 1501422	SW/100.3	-1.00	55
16	BORE		ON	SW/106.9	-1.00	58
17	WWIS		lot 6 con 2 ON ***Well ID:*** 1501234	WSW/121.3	-1.00	59
18	PRT	977998 ONTARIO LTD	3469 INNES RD GLOUCESTER ON K1C1T1	ENE/121.5	0.00	61
18	PRT	977998 ONTARIO LTD	3469 INNES RD GLOUCESTER ON K1C1T1	ENE/121.5	0.00	61
18	WWIS		lot 5 con 2 ON ***Well ID:*** 1501229	ENE/121.5	0.00	62
18	SPL	CANADIAN WASTE SERVICES	BEHIND 3469 INNES ROAD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1C 1T1	ENE/121.5	0.00	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	INNES VETERNIARY CLINIC 21-555	3469 INNES ROAD, BAY NO. 7 GLOUCESTER ON K1C 1T1	ENE/121.5	0.00	64
18	GEN	INNES VETERNIARY CLINIC	3469 INNES ROAD BAY NO. 7 GLOUCESTER ON K1C 1T1	ENE/121.5	0.00	65
18	GEN	INNES VETERNIARY CLINIC	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	65
18	FSTH	977998 ONTARIO LTD C/0 PRONTO FOOD MART	3469 INNES RD RR 2 ORLEANS ON K1C 1T1	ENE/121.5	0.00	65
18	FSTH	977998 ONTARIO LTD C/0 PRONTO FOOD MART	3469 INNES RD RR 2 ORLEANS ON K1C 1T1	ENE/121.5	0.00	66
18	SPL		3469 Innes Road Ottawa ON K1C 1T1	ENE/121.5	0.00	66
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	67
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	67
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	67
18	FST	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE/121.5	0.00	68
18	FST	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE/121.5	0.00	68
18	FST	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE/121.5	0.00	69
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	69

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON	ENE/121.5	0.00	69
18	FST	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE/121.5	0.00	70
18	FST	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE/121.5	0.00	70
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	71
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	71
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	71
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	72
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	72
18	EXP	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE/121.5	0.00	72
18	EXP	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE/121.5	0.00	73
18	EXP	2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE/121.5	0.00	73
18	FST		3469 INNES RD GLOUCESTER ON K1C 1T1	ENE/121.5	0.00	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE/121.5	0.00	74
19	BORE		ON	SW/121.5	-1.00	74
20	WWIS		lot 6 con 3 ON ***Well ID:*** 1501440	SW/121.6	-1.00	75
21	BORE		ON	WNW/124.0	0.00	77
22	WWIS		2084 MONTREAL ROAD OTTAWA ON ***Well ID:*** 1535516	WNW/127.5	0.00	78
23	WWIS		lot 5 con 2 ON ***Well ID:*** 1510714	NE/130.0	0.00	81
24	WWIS		lot 6 con 2 ON ***Well ID:*** 1501236	NW/135.3	0.00	84
25	WWIS		lot 6 con 2 ON ***Well ID:*** 1501233	N/137.4	0.00	86
26	WWIS		lot 5 con 2 ON ***Well ID:*** 1510715	NE/139.9	0.00	89
27	WWIS		lot 6 con 3 ON ***Well ID:*** 1509636	SSW/144.6	-1.00	92
28	WWIS		lot 5 con 2 ON ***Well ID:*** 1501220	ENE/147.4	-1.00	94
29	BORE		ON	ENE/147.5	-1.00	96
30	WWIS		lot 6 con 3 ON ***Well ID:*** 1501439	SW/156.6	-1.00	97

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
31	PINC	JEANNINE T KNIGHTON	2305 PAGE RD,,OTTAWA,ON,K1W 1H3, CA ON	ESE/159.9	-1.00	99
31	EHS		2305 Pagé Road Orléans ON K1W 1H3	ESE/159.9	-1.00	99
31	PINC	PIPELINE HIT - 1 1/4"	2305 PAGE RD,,ORLÉANS,ON,K1W 1H3, CA ON	ESE/159.9	-1.00	100
32	WWIS		lot 6 con 3 ON ***Well ID:*** 1501424	SE/165.3	-1.00	100
33	CA	RHEAL SIMARD - PT. LOT 5, CONC. 3	PAGE RD./BUTTONFIELD PLACE GLOUCESTER CITY ON	ESE/183.7	-1.00	103
34	WWIS		lot 5 con 2 ON ***Well ID:*** 1501225	NNE/190.0	0.00	103
35	WWIS		lot 6 con 3 ON ***Well ID:*** 1501441	SE/190.4	-1.00	105
36	EHS		2305 Page Rd Ottawa ON K1W 1H3	ESE/191.5	-1.00	107
37	EHS		6078 Buttonfield Place Gloucester ON	SW/197.5	-1.00	107
37	EHS		6078 Buttonfield Place Gloucester ON	SW/197.5	-1.00	108
38	WWIS		lot 6 con 2 ON ***Well ID:*** 1510727	WNW/206.3	0.00	108
39	EHS		3493 and 3497 Innes road Orléans ON K1C 1T1	ENE/206.3	-1.00	110
39	EHS		3493 and 3497 Innes road Orléans ON K1C 1T1	ENE/206.3	-1.00	111

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
39	EHS		3493 and 3497 Innes road Orléans ON K1C 1T1	ENE/206.3	-1.00	111
39	EHS		3493 and 3497 Innes road Orléans ON K1C 1T1	ENE/206.3	-1.00	111
40	BORE		ON	WNW/206.5	0.00	111
41	WWIS		lot 5 con 2 ON ***Well ID:*** 1501226	N/209.0	0.00	112
42	WWIS		lot 6 con 3 ON ***Well ID:*** 1501426	SE/212.1	-1.31	114
43	WWIS		lot 5 con 2 ON ***Well ID:*** 1501218	ENE/214.9	-1.00	117
44	BORE		ON	WSW/217.1	-1.20	119
45	WWIS		lot 6 con 3 ON ***Well ID:*** 1501438	WSW/217.2	-1.20	120
46	HINC		6082 BUTTONFIELD PLACE OTTAWA ON K1W 1C1	WSW/225.6	-1.20	123
47	ECA	Caivan (Orleans Village) Limited	3490 Innes Rd Ottawa ON K2H 1B2	ENE/225.7	-1.00	123
47	EASR	TAGGART CONSTRUCTION LIMITED	3490 Innes RD Orleans ON K1C 1T1	ENE/225.7	-1.00	124
47	ECA	Caivan (Orleans Village) Limited	3490 Innes Rd Ottawa ON K2H 1B2	ENE/225.7	-1.00	124
48	WWIS		lot 5 con 3 ON ***Well ID:*** 1510729	E/226.8	-1.00	124

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
49	WWIS		lot 6 con 3 ON ***Well ID:*** 1501442	SE/233.9	-2.03	127
50	EHS		1813-1835 Loranger Court Ottawa ON K1C	NNW/235.2	0.00	129
51	SCT	Caroline's Rub-Fine Spice	6355 Sablewood Pl Orleans ON K1C 7M3	NW/236.1	0.00	129
52	WWIS		lot 5 con 2 ON ***Well ID:*** 1501219	ENE/239.7	-1.00	130
53	AUWR	ORLEANS BLVD TOWING & RECYCLING	2360 PAGE RD ORLEANS ON K1W 1H3	SE/245.4	-2.00	132
53	AUWR	CASH FOR SCRAP	2360 PAGE RD OTTAWA ON K1W 1H3	SE/245.4	-2.00	132
53	AUWR	ORLEANS BLVD TOWING & RECYCLING	2360 PAGE RD ORLEANS ON K1W1H3	SE/245.4	-2.00	132
54	WWIS		lot 6 con 3 ON ***Well ID:*** 1501437	WSW/245.5	-2.00	132
55	WWIS		lot 5 con 2 ON ***Well ID:*** 1501228	N/247.6	0.00	135
56	RSC	GIBSON PATTERSON	240 LAMARCHE AVENUE, OTTAWA, ON K1C 1T1 Ottawa ON	E/249.4	-1.00	137
57	PINC	RECONSTRUCT	6110 BUTTONFIELD PL,,ORLÉANS,ON, K1W 1C2,CA ON	SSW/249.5	-2.00	138
57	SPL	Enbridge Gas Distribution Inc.	6110 Buttonfield place, Orleans Ottawa ON	SSW/249.5	-2.00	139

Executive Summary: Summary By Data Source

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Dec 31, 2020 has found that there are 3 AUWR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
CASH FOR SCRAP	2360 PAGE RD OTTAWA ON K1W 1H3	SE	245.44	53
ORLEANS BLVD TOWING & RECYCLING	2360 PAGE RD ORLEANS ON K1W 1H3	SE	245.44	53
ORLEANS BLVD TOWING & RECYCLING	2360 PAGE RD ORLEANS ON K1W1H3	SE	245.44	53

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	WNW	123.98	21
	ON	WNW	206.51	40

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	SW	106.91	16
	ON	SW	121.51	19

	ON	ENE	147.53	29
	ON	WSW	217.14	44

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 6 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GLOUCESTER CITY - SILVERBIRCH RD.	PAGE RD./INNES RD./BUTTONFIELD GLOUCESTER CITY ON	E	83.13	12
GLOUCESTER CITY	PAGE RD./INNES RD. /MEADOWGLEN GLOUCESTER CITY ON	E	83.13	12
TOM PYNN/JACQUELINE LOCKE-PT. LOT 5,CON3	PAGE RD./INNES RD. GLOUCESTER CITY ON	E	83.16	13
R.M. OF OTTAWA-CARLETON	INNES RD. PAGE RD. GLOUCESTER CITY ON	E	83.16	13
GLOUCESTER CITY	PAGE RD./INNES RD. GLOUCESTER CITY ON	E	83.16	13

Lower Elevation	Address	Direction	Distance (m)	Map Key
RHEAL SIMARD - PT. LOT 5, CONC. 3	PAGE RD./BUTTONFIELD PLACE GLOUCESTER CITY ON	ESE	183.67	33

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 31, 2021 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key

TAGGART CONSTRUCTION LIMITED	3490 Innes RD Orleans ON K1C 1T1	ENE	225.66	47

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Mar 31, 2021 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Caivan (Orleans Village) Limited	3490 Innes Rd Ottawa ON K2H 1B2	ENE	225.66	47
Caivan (Orleans Village) Limited	3490 Innes Rd Ottawa ON K2H 1B2	ENE	225.66	47

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 11 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	3443 Innes Rd Ottawa ON K1C1T1	NE	22.70	1
	1813-1835 Loranger Court Ottawa ON K1C	NNW	235.22	50

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2310 Page Road Ottawa ON	ESE	75.00	11
	2305 Pagé Road Orléans ON K1W 1H3	ESE	159.94	31
	2305 Page Rd Ottawa ON K1W 1H3	ESE	191.54	36

	6078 Buttonfield Place Gloucester ON	SW	197.51	37
	6078 Buttonfield Place Gloucester ON	SW	197.51	37
	3493 and 3497 Innes road Orléans ON K1C 1T1	ENE	206.30	39
	3493 and 3497 Innes road Orléans ON K1C 1T1	ENE	206.30	39
	3493 and 3497 Innes road Orléans ON K1C 1T1	ENE	206.30	39
	3493 and 3497 Innes road Orléans ON K1C 1T1	ENE	206.30	39

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 3 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE	121.48	18

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 6 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE	121.48	18
	3469 INNES RD GLOUCESTER ON K1C 1T1	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA ON	ENE	121.48	18
2339401 ONTARIO INC	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	ENE	121.48	18

FSTH - Fuel Storage Tank - Historic

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
977998 ONTARIO LTD C/0 PRONTO FOOD MART	3469 INNES RD RR 2 ORLEANS ON K1C 1T1	ENE	121.48	18
977998 ONTARIO LTD C/0 PRONTO FOOD MART	3469 INNES RD RR 2 ORLEANS ON K1C 1T1	ENE	121.48	18

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 14 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
INNES VETERNIARY CLINIC 21-555	3469 INNES ROAD, BAY NO. 7 GLOUCESTER ON K1C 1T1	ENE	121.48	18
INNES VETERNIARY CLINIC	3469 INNES ROAD BAY NO. 7 GLOUCESTER ON K1C 1T1	ENE	121.48	18
INNES VETERNIARY CLINIC	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18
INNES ROAD ANIMAL HOSPITAL	3469 INNES ROAD OTTAWA ON K1C 1T1	ENE	121.48	18

HINC - TSSA Historic Incidents

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
	6082 BUTTONFIELD PLACE OTTAWA ON K1W 1C1	WSW	225.60	46

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
JEANNINE T KNIGHTON	2305 PAGE RD,,OTTAWA,ON,K1W 1H3,CA ON	ESE	159.94	31
PIPELINE HIT - 1 1/4"	2305 PAGE RD,,ORLÉANS,ON,K1W 1H3,CA ON	ESE	159.94	31
RECONSTRUCT	6110 BUTTONFIELD PL,,ORLÉANS, ON,K1W 1C2,CA ON	SSW	249.47	57

PRT - Private and Retail Fuel Storage Tanks

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
977998 ONTARIO LTD	3469 INNES RD GLOUCESTER ON K1C1T1	ENE	121.48	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
977998 ONTARIO LTD	3469 INNES RD GLOUCESTER ON K1C1T1	ENE	121.48	18

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2021 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
GIBSON PATTERSON	240 LAMARCHE AVENUE, OTTAWA, ON K1C 1T1 Ottawa ON	E	249.41	56

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Caroline's Rub-Fine Spice	6355 Sablewood Pl Orleans ON K1C 7M3	NW	236.07	51

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	3443 Innes Rd. Ottawa ON K1C 1T1	NE	22.70	1
CANADIAN WASTE SERVICES	BEHIND 3469 INNES ROAD. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1C 1T1	ENE	121.48	18
	3469 Innes Road Ottawa ON K1C 1T1	ENE	121.48	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	6110 Buttonfield place, Orleans Ottawa ON	SSW	249.47	57

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 35 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 6 con 2 ON ***Well ID:*** 1501230	NE	31.79	2
	lot 6 con 2 ON ***Well ID:*** 1501239	ENE	49.30	4
	lot 6 con 2 ON ***Well ID:*** 1510698	NE	51.99	5
	lot 6 con 3 ON ***Well ID:*** 1501435	ESE	53.76	6
	lot 6 con 2 ON ***Well ID:*** 1501238	WNW	71.75	9
	lot 6 con 2 ON ***Well ID:*** 1501237	W	84.19	14
	lot 5 con 2 ON ***Well ID:*** 1501229	ENE	121.48	18
	2084 MONTREAL ROAD OTTAWA ON ***Well ID:*** 1535516	WNW	127.49	22
	lot 5 con 2 ON ***Well ID:*** 1510714	NE	130.01	23

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 6 con 2 ON ***Well ID:*** 1501236	NW	135.26	24
	lot 6 con 2 ON ***Well ID:*** 1501233	N	137.44	25
	lot 5 con 2 ON ***Well ID:*** 1510715	NE	139.91	26
	lot 5 con 2 ON ***Well ID:*** 1501225	NNE	189.96	34
	lot 6 con 2 ON ***Well ID:*** 1510727	WNW	206.28	38
	lot 5 con 2 ON ***Well ID:*** 1501226	N	209.03	41
	lot 5 con 2 ON ***Well ID:*** 1501228	N	247.64	55

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 6 con 3 ON ***Well ID:*** 1501436	SSE	44.04	3
	lot 6 con 3 ON ***Well ID:*** 1501423	SSW	54.41	7
	lot 6 con 3 ON ***Well ID:*** 1501434	E	67.32	8
	lot 6 con 3 ON ***Well ID:*** 1511029	SSW	73.92	10

lot 6 con 3 ON ***Well ID:*** 1501422	SW	100.32	**15**
lot 6 con 2 ON ***Well ID:*** 1501234	WSW	121.28	**17**
lot 6 con 3 ON ***Well ID:*** 1501440	SW	121.64	**20**
lot 6 con 3 ON ***Well ID:*** 1509636	SSW	144.60	**27**
lot 5 con 2 ON ***Well ID:*** 1501220	ENE	147.43	**28**
lot 6 con 3 ON ***Well ID:*** 1501439	SW	156.63	**30**
lot 6 con 3 ON ***Well ID:*** 1501424	SE	165.28	**32**
lot 6 con 3 ON ***Well ID:*** 1501441	SE	190.39	**35**
lot 6 con 3 ON ***Well ID:*** 1501426	SE	212.07	**42**
lot 5 con 2 ON ***Well ID:*** 1501218	ENE	214.89	**43**
lot 6 con 3 ON ***Well ID:*** 1501438	WSW	217.24	**45**
lot 5 con 3 ON ***Well ID:*** 1510729	E	226.80	**48**
lot 6 con 3 ON	SE	233.88	**49**

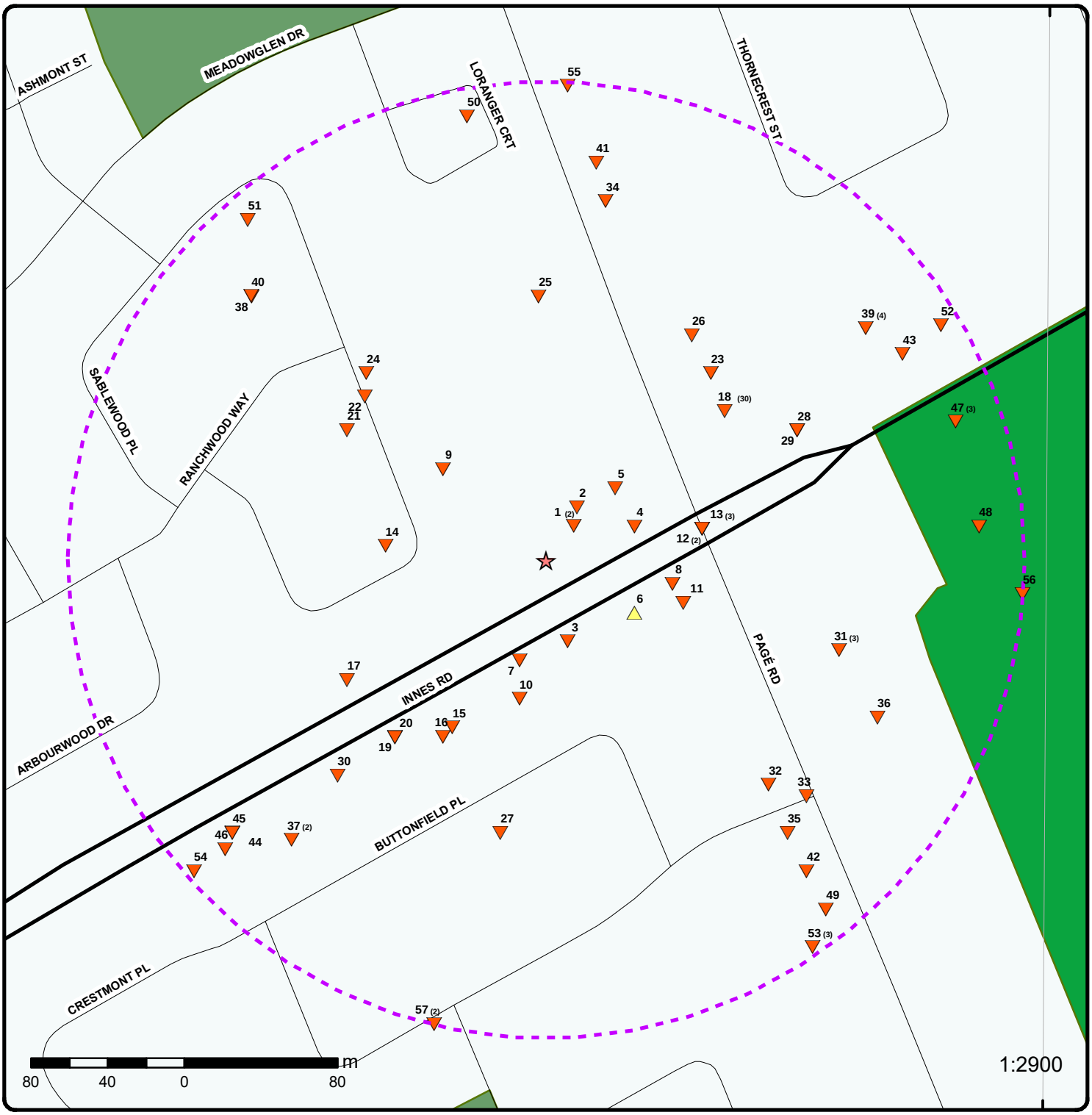
Well ID: 1501442

lot 5 con 2 ON	ENE	239.73	**52**

Well ID: 1501219

lot 6 con 3 ON	WSW	245.46	**54**

Well ID: 1501437



Map: 0.25 Kilometer Radius

Order Number: 21050300166

Address: PE4248 - 3437 Innes Road, Orléans, ON

ERIS

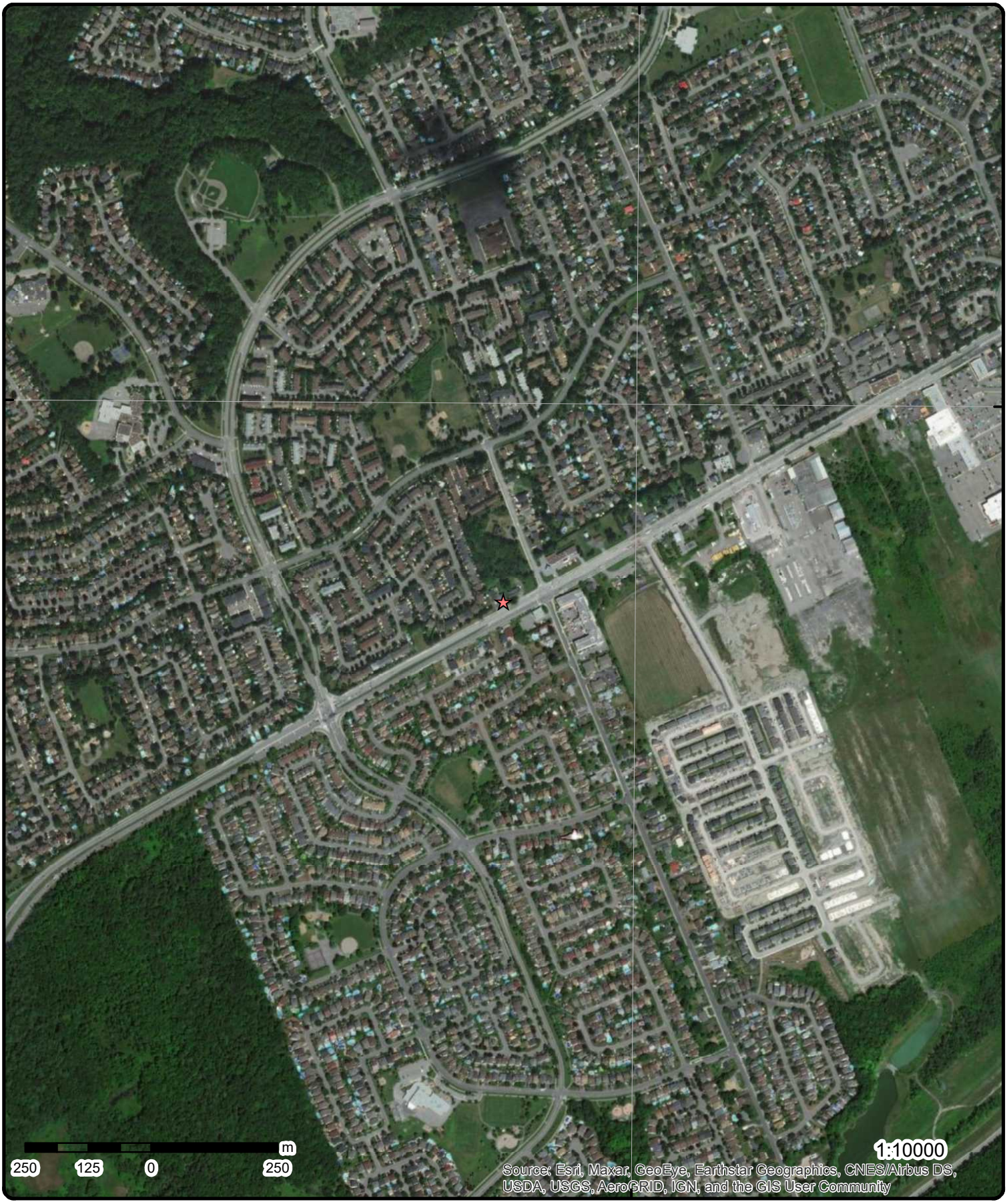
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
-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

Source: © 2015 DMTI Spatial Inc.

75°31'30"W

45°27'N

45°27'N

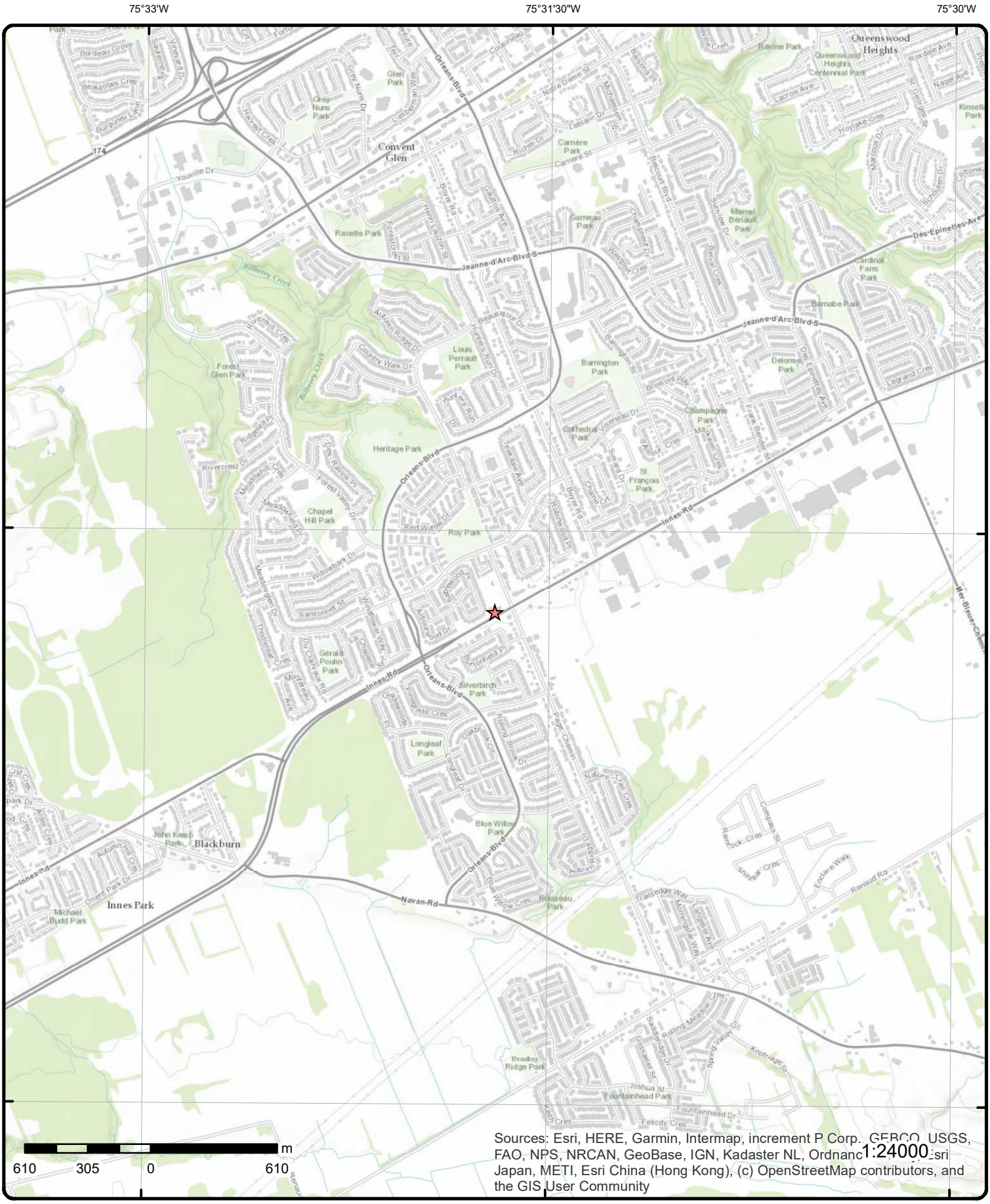


Aerial **Year: 2007**

Order Number: 21050300166

Address: PE4248 - 3437 Innes Road, Orléans, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21050300166

Address: PE4248 - 3437 Innes Road, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	NE/22.7	89.9 / 0.00	3443 Innes Rd Ottawa ON K1C1T1	EHS

Order No:	20170527002	**Nearest Intersection:**	
Status:	C	**Municipality:**	City of Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	02-JUN-17	**Search Radius (km):**	.25
Date Received:	27-MAY-17	**X:**	-75.527916
Previous Site Name:	Assumed residential	**Y:**	45.446813
Lot/Building Size:	0.43 acres		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 2	NE/22.7	89.9 / 0.00	3443 Innes Rd. Ottawa ON K1C 1T1	SPL

Ref No:	7036-BB2NGM	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	4/8/2019	**Health/Env Conseq:**	0 - No Impact
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	HYDROCARBON LIGHT	**Site Address:**	3443 Innes Rd.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:	n/a	**Site Postal Code:**	K1C 1T1
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; Source Water Zone	**Northing:**	5032638.51
MOE Response:	No	**Easting:**	458630.55
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/8/2019	**Site Map Datum:**	NAD83
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Other	**Source Type:**	Other
Site Name:	residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	oil or gas from property to road & cb		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NE/31.8	89.9 / 0.00	lot 6 con 2 ON	WWIS

Well ID:	1501230	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/22/1953
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:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501230.pdf

Bore Hole Information

Bore Hole ID:	10023273	**Elevation:**	91.897636
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458700.8
Code OB Desc:	Bedrock	**North83:**	5032712
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/19/1953	**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:	930991290
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	48
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501230
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571843
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930039440
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

Construction Record - Casing

Casing ID:	930039441
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501230
Pump Set At:	
Static Level:	10
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453924
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	41
Water Found Depth UOM:	ft

3	*1 of 1*	*SSE/44.0*	*88.9 / -1.00*	*lot 6 con 3 ON*	*WWIS*

Well ID:	1501436	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/15/1961
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501436.pdf

Bore Hole Information

Bore Hole ID:	10023479	**Elevation:**	90.26165
DP2BR:	5	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458695.8
Code OB Desc:	Bedrock	**North83:**	5032642
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/17/1961	**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:	930991823
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991824
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 50
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501436
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572049
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039839
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 7
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039840
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501436
Pump Set At:
Static Level: 3
Final Level After Pumping: 20
Recommended Pump Depth: 20
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: 1

Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454143
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50
Water Found Depth UOM: ft

---

4 | **1 of 1** | **ENE/49.3** | **89.9 / 0.00** | **lot 6 con 2 ON** | **WWIS**

Well ID: 1501239
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: 12/7/1962
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501239.pdf

Bore Hole Information

Bore Hole ID: 10023282
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/8/1962
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 90.767341
Elevrc:
Zone: 18
East83: 458730.8
North83: 5032702
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930991313
Layer: 1
Color:

General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	37
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501239
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571852
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039457
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	37
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039456
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501239
Pump Set At:	
Static Level:	5
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	12
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:	933453937
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37
Water Found Depth UOM:	ft

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5 | ***1 of 1*** | ***NE/52.0*** | ***89.9 / 0.00*** | ***lot 6 con 2 ON*** | ***WWIS***

Well ID:	1510698	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	2/23/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1510698.pdf

Bore Hole Information

Bore Hole ID:	10032721	**Elevation:**	91.597282
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458720.8
Code OB Desc:	Bedrock	**North83:**	5032722
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/13/1970	**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: 931015613
Layer: 1
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 48
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510698
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581291
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058012
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510698
Pump Set At:
Static Level: 4
Final Level After Pumping: 15
Recommended Pump Depth: 25
Pumping Rate: 10
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	934641193
Test Type:	Draw Down
Test Duration:	45
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380034
Test Type:	Draw Down
Test Duration:	30
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897979
Test Type:	Draw Down
Test Duration:	60
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097299
Test Type:	Draw Down
Test Duration:	15
Test Level:	15
Test Level UOM:	ft

Water Details

Water ID:	933465737
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

6 ***1 of 1*** ***ESE/53.8*** ***90.0 / 0.08*** ***lot 6 con 3 ON*** ***WWIS***

Well ID:	1501435	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/15/1961
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	OF
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\1501435.pdf

Bore Hole Information

Bore Hole ID:	10023478	***Elevation:***	90.388313
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458730.8
Code OB Desc:	Bedrock	***North83:***	5032657
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/16/1961	***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:	930991822
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991821
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501435
Method Construction Code:	7
Method Construction:	Diamond

Other Method Construction:

Pipe Information

Pipe ID: 10572048
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039838
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039837
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 7
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501435
Pump Set At:
Static Level: 3
Final Level After Pumping: 20
Recommended Pump Depth: 20
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: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454142
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SSW/54.4	88.9 / -1.00	lot 6 con 3 ON	WWIS

Well ID:	1501423	**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:**	1504
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:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501423.pdf

Bore Hole Information

Bore Hole ID:	10023466	**Elevation:**	90.220909
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458670.8
Code OB Desc:	Bedrock	**North83:**	5032632
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/16/1961	**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:	930991794
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	58
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961501423
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572036
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039813
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 8
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039814
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 58
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501423
Pump Set At:
Static Level: 4
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 7
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: 933454130
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 58
Water Found Depth UOM: ft

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8 | **1 of 1** | **E/67.3** | **88.9 / -1.00** | **lot 6 con 3 ON** | **WWIS**

Well ID: 1501434
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: 8/15/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 03
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501434.pdf

Bore Hole Information

Bore Hole ID: 10023477
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/15/1961
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 90.431793
Elevrc:
Zone: 18
East83: 458750.8
North83: 5032672
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930991820
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930991819
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501434
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572047
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039836
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	41
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039835
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	7
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501434
Pump Set At:	

Static Level:	3
Final Level After Pumping:	20
Recommended Pump Depth:	20
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454141
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	41
Water Found Depth UOM:	ft

---

9 | ***1 of 1*** | ***WNW/71.7*** | ***89.9 / 0.00*** | ***lot 6 con 2 ON*** | ***WWIS***

Well ID:	1501238	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/7/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501238.pdf

Bore Hole Information

Bore Hole ID:	10023281	**Elevation:**	93.234359
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458630.8
Code OB Desc:	Bedrock	**North83:**	5032732
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/3/1962	**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: 930991312
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991311
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501238
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10571851
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039455
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 27

Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039454
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501238
Pump Set At:	
Static Level:	6
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	12
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:	933453936
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	SSW/73.9	88.9 / -1.00	lot 6 con 3 ON	WWIS

Well ID:	1511029	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/22/1971
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:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF

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

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511029.pdf

Bore Hole Information

Bore Hole ID:	10033031	**Elevation:**	90.045722
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458670.8
Code OB Desc:	Bedrock	**North83:**	5032612
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/25/1970	**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:	931016498
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:	4
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931016499
Layer:	2
Color:	
General Color:	
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931016500
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10
Formation End Depth: 56
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961511029
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10581601
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058601
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 56
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058600
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511029
Pump Set At:
Static Level: 10
Final Level After Pumping: 15
Recommended Pump Depth: 30
Pumping Rate: 15

Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934899644
Test Type: Draw Down
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380587
Test Type: Draw Down
Test Duration: 30
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934642303
Test Type: Draw Down
Test Duration: 45
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097574
Test Type: Draw Down
Test Duration: 15
Test Level: 15
Test Level UOM: ft

Water Details

Water ID: 933466097
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 54
Water Found Depth UOM: ft

11	*1 of 1*	*ESE/75.0*	*88.9 / -1.00*	***2310 Page Road Ottawa ON***	***EHS***

Order No: 20080102012
Status: C
Report Type: Complete Report
Report Date: 1/10/2008
Date Received: 1/2/2008
Previous Site Name:

Nearest Intersection: Innes Road and Page Road
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.527407
Y: 45.446266

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: 28.84m x 61m **Additional Info Ordered:**					
12	1 of 2	E/83.1	89.9 / 0.00	GLOUCESTER CITY - SILVERBIRCH RD. PAGE RD./INNES RD./BUTTONFIELD GLOUCESTER CITY ON	CA
Certificate #: 3-1068-92- **Application Year:** 92 **Issue Date:** 8/24/1992 **Approval Type:** Municipal sewage **Status:** Approved **Application Type:** **Client Name:** **Client Address:** **Client City:** **Client Postal Code:** **Project Description:** **Contaminants:** **Emission Control:**					
12	2 of 2	E/83.1	89.9 / 0.00	GLOUCESTER CITY PAGE RD./INNES RD./MEADOWGLEN GLOUCESTER CITY ON	CA
Certificate #: 3-1310-94- **Application Year:** 94 **Issue Date:** 10/19/1994 **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 3	E/83.2	89.9 / 0.00	TOM PYNN/JACQUELINE LOCKE-PT. LOT 5, CON3 PAGE RD./INNES RD. GLOUCESTER CITY ON	CA
Certificate #: 3-1304-90- **Application Year:** 90 **Issue Date:** 8/13/1990 **Approval Type:** Municipal sewage **Status:** Approved **Application Type:** **Client Name:** **Client Address:** **Client City:** **Client Postal Code:** **Project Description:** **Contaminants:** **Emission Control:**					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	2 of 3	E/83.2	89.9 / 0.00	R.M. OF OTTAWA-CARLETON INNES RD. PAGE RD. GLOUCESTER CITY ON	CA

Certificate #: 7-1300-89-
Application Year: 89
Issue Date: 8/8/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	3 of 3	E/83.2	89.9 / 0.00	GLOUCESTER CITY PAGE RD./INNES RD. GLOUCESTER CITY ON	CA

Certificate #: 3-0684-94-
Application Year: 94
Issue Date: 6/21/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	W/84.2	89.9 / 0.00	lot 6 con 2 ON	WWIS

Well ID: 1501237
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: 11/14/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501237.pdf

Bore Hole Information

Bore Hole ID:	10023280	***Elevation:***	91.310943
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	458600.8
Code OB Desc:	Overburden	***North83:***	5032692
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	5/8/1961	***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:	930991310
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991309
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	16
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501237
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571850
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039453
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501237
Pump Set At:	
Static Level:	5
Final Level After Pumping:	16
Recommended Pump Depth:	16
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	12
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:	933453935
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	18
Water Found Depth UOM:	ft

---

15 | ***1 of 1*** | ***SW/100.3*** | ***88.9 / -1.00*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501422	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1629
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:**	03

Overburden/Bedrock:		***Concession Name:***	OF
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\1501422.pdf

Bore Hole Information

Bore Hole ID:	10023465	***Elevation:***	89.838264
DP2BR:	36	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458635.8
Code OB Desc:	Bedrock	***North83:***	5032597
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	3/3/1961	***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:	930991793
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	36
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991792
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	36
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID: 961501422
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572035
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039811
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039812
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501422
Pump Set At:
Static Level: 2
Final Level After Pumping: 3
Recommended Pump Depth: 3
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 2
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: 933454129
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

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16 **1 of 1** **SW/106.9** **88.9 / -1.00** **ON** **BORE**

Borehole ID: 615202
OGF ID: 215516144
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 1.2
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 89.9
Elev Reliabil Note:
DEM Ground Elev m: 89.7
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.44563
Longitude DD: -75.529005
UTM Zone: 18
Easting: 458631
Northing: 5032592
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218400814
Top Depth: 0
Bottom Depth: 11
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218400815
Top Depth: 11
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. WATER STABLE AT 291.0 FEET.LOOSE. BEDROCK. 10DROCK. BEDROCK. BEDROCK. WAT
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Loose
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 077100 NTS_Sheet: 31G05H
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

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		

17 ***1 of 1*** ***WSW/121.3*** ***88.9 / -1.00*** ***lot 6 con 2 ON*** ***WWIS***

Well ID:	1501234	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/25/1961
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1629
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:***	02
Overburden/Bedrock:		***Concession Name:***	OF
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\1501234.pdf

Bore Hole Information

Bore Hole ID:	10023277	***Elevation:***	90.462661
DP2BR:	4	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458580.8
Code OB Desc:	Bedrock	***North83:***	5032622
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	3/2/1961	***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:	930991302
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15

Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 47
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991301
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991300
Layer: 1
Color: 6
General Color: BROWN
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

Method of Construction & Well Use

Method Construction ID: 961501234
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571847
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039448
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: 11
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039449
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 47
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501234
Pump Set At:
Static Level: 6
Final Level After Pumping: 9
Recommended Pump Depth: 9
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 2
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

Water Details

Water ID: 933453930
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47
Water Found Depth UOM: ft

18	*1 of 30*	*ENE/121.5*	*89.9 / 0.00*	***977998 ONTARIO LTD*** ***3469 INNES RD*** ***GLOUCESTER ON K1C1T1***	***PRT***

Location ID: 5294
Type: retail
Expiry Date: 1994-11-30
Capacity (L): 113500
Licence #: 0076376011

18	*2 of 30*	*ENE/121.5*	*89.9 / 0.00*	***977998 ONTARIO LTD*** ***3469 INNES RD*** ***GLOUCESTER ON K1C1T1***	***PRT***

Location ID: 5294
Type: retail
Expiry Date: 1995-04-30
Capacity (L): 0
Licence #: 0076416569

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18 | 3 of 30 | ENE/121.5 | 89.9 / 0.00 | lot 5 con 2 ON | WWIS

Well ID: 1501229
Construction Date:
Primary Water Use: Commerical
Sec. Water Use: Domestic
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: 2/29/1968
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 005
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501229.pdf

Bore Hole Information

Bore Hole ID: 10023272
DP2BR: 3
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/20/1967
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 91.611801
Elevrc:
Zone: 18
East83: 458780.8
North83: 5032782
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930991289
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991288
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501229
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10571842
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039438
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039439
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501229
Pump Set At:	
Static Level:	20
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	8
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453923
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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18 ***4 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***CANADIAN WASTE SERVICES***
BEHIND 3469 INNES ROAD. MOTOR VEHICLE (OPERATING FLUID)
OTTAWA CITY ON K1C 1T1 ***SPL***

Ref No:	225610	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/16/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/16/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CDN WASTE-UKN QUANTITY HYDRAULIC OIL TO LOT, CONTAINED.		
Contaminant Qty:			

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18 ***5 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***INNES VETERNIARY CLINIC 21-555***
3469 INNES ROAD, BAY NO. 7 ***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				GLOUCESTER ON K1C 1T1	

Generator No: ON1549600
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 0211
SIC Description: VETERINARY SERVICE

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	6 of 30	ENE/121.5	89.9 / 0.00	INNES VETERNIARY CLINIC 3469 INNES ROAD BAY NO. 7 GLOUCESTER ON K1C 1T1	GEN

Generator No: ON1549600
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 0211
SIC Description: VETERINARY SERVICE

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	7 of 30	ENE/121.5	89.9 / 0.00	INNES VETERINARY CLINIC 3469 INNES ROAD OTTAWA ON K1C 1T1	GEN

Generator No: ON1549600
Status:
Approval Years: 02,03,04,05,06
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	8 of 30	ENE/121.5	89.9 / 0.00	977998 ONTARIO LTD C/0 PRONTO FOOD MART 3469 INNES RD RR 2 ORLEANS ON K1C 1T1	FSTH

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

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

--Details--

Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	45480
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline
Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	45480
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline
Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	9 of 30	ENE/121.5	89.9 / 0.00	***977998 ONTARIO LTD C/0 PRONTO FOOD MART*** ***3469 INNES RD RR 2*** ***ORLEANS ON K1C 1T1***	FSTH

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

--Details--

Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	45480
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline
Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	45480
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline
Status:	Active
Year of Installation:	1987
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	10 of 30	ENE/121.5	89.9 / 0.00	***3469 Innes Road*** ***Ottawa ON K1C 1T1***	SPL

Ref No:	3818-89J98D	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	ENGINE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	

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

Contaminant UN No 1: ***Site Region:***
Environment Impact: Not Anticipated ***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: 9/22/2010 ***Site Map Datum:***
Dt Document Closed: 9/23/2010 ***SAC Action Class:*** Watercourse Spills
Incident Reason: Equipment Failure ***Source Type:***
Site Name: Sewer<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo - 50 L engine oil to sewer
Contaminant Qty: 50 L

18	*11 of 30*	*ENE/121.5*	*89.9 / 0.00*	***INNES ROAD ANIMAL HOSPITAL*** ***3469 INNES ROAD*** ***OTTAWA ON K1C 1T1***	***GEN***

Generator No: ON1549600 ***PO Box No:***
Status: ***Country:***
Approval Years: 2009 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 541940
SIC Description: Veterinary Services

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

18	*12 of 30*	*ENE/121.5*	*89.9 / 0.00*	***INNES ROAD ANIMAL HOSPITAL*** ***3469 INNES ROAD*** ***OTTAWA ON K1C 1T1***	***GEN***

Generator No: ON1549600 ***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: 312
Waste Class Desc: PATHOLOGICAL WASTES

18	*13 of 30*	*ENE/121.5*	*89.9 / 0.00*	***INNES ROAD ANIMAL HOSPITAL*** ***3469 INNES ROAD*** ***OTTAWA ON K1C 1T1***	***GEN***

Generator No: ON1549600 ***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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 ***14 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***2339401 ONTARIO INC***
3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA
ON ***FST***

Instance No:	10762616	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	5/13/2009	***Fuel Type3:***	NULL
Install Year:	1987	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	45480	***Num Underground:***	
Tank Material:	Fiberglass (FRP)	***Panam Related:***	
Corrosion Protect:		***Panam Venue:***	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:	FS Gasoline Station - Self Serve		
Facility Location:			
Device Installed Location:	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA		

Fuel Storage Tank Details

Owner Account Name: 2339401 ONTARIO INC

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18 ***15 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***2339401 ONTARIO INC***
3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA
ON ***FST***

Instance No:	10762631	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL
Install Date:	5/13/2009	***Fuel Type3:***	NULL
Install Year:	1987	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	22730	***Num Underground:***	
Tank Material:	Fiberglass (FRP)	***Panam Related:***	
Corrosion Protect:		***Panam Venue:***	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:	FS Gasoline Station - Self Serve		
Facility Location:			
Device Installed Location:	3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA		

Fuel Storage Tank Details

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

Owner Account Name: 2339401 ONTARIO INC

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18 **16 of 30** **ENE/121.5** **89.9 / 0.00** **2339401 ONTARIO INC** **FST**
3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA
ON

Instance No: 10762598
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Single Wall UST
Install Date: 5/13/2009
Install Year: 1987
Years in Service:
Model: NULL
Description:
Capacity: 45480
Tank Material: Fiberglass (FRP)
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location:
Device Installed Location: 3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related:
Panam Venue:

Fuel Storage Tank Details

Owner Account Name: 2339401 ONTARIO INC

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18 **17 of 30** **ENE/121.5** **89.9 / 0.00** **INNES ROAD ANIMAL HOSPITAL** **GEN**
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: Veterinary Services

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 **18 of 30** **ENE/121.5** **89.9 / 0.00** **INNES ROAD ANIMAL HOSPITAL** **GEN**
3469 INNES ROAD
OTTAWA ON

Generator No: ON1549600
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 **19 of 30** **ENE/121.5** **89.9 / 0.00** **2339401 ONTARIO INC** **FST**
3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA
3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA
ON

Instance No:	64701573	**Manufacturer:**	NULL
Status:	Active	**Serial No:**	NULL
Cont Name:		**Ulc Standard:**	NULL
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	1
Item:	FS LIQUID FUEL TANK	**Unit of Measure:**	EA
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Double Wall UST	**Fuel Type2:**	Diesel
Install Date:	9/21/2015 11:53:35 AM	**Fuel Type3:**	NULL
Install Year:	2015	**Piping Steel:**	
Years in Service:	NULL	**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	65000	**Num Underground:**	
Tank Material:	Fiberglass (FRP)	**Panam Related:**	NULL
Corrosion Protect:	Fiberglass	**Panam Venue:**	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location: 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA
Device Installed Location: 3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA

Fuel Storage Tank Details

Owner Account Name: 2339401 ONTARIO INC

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: 2339401 ONTARIO INC

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18 **20 of 30** **ENE/121.5** **89.9 / 0.00** **2339401 ONTARIO INC** **FST**
3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA
3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA
ON

Instance No:	64701574	**Manufacturer:**	NULL
Status:	Active	**Serial No:**	NULL
Cont Name:		**Ulc Standard:**	NULL
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	1
Item:	FS LIQUID FUEL TANK	**Unit of Measure:**	EA
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Double Wall UST	**Fuel Type2:**	Gasoline
Install Date:	9/21/2015 11:53:35 AM	**Fuel Type3:**	NULL
Install Year:	2015	**Piping Steel:**	
Years in Service:	NULL	**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	65000	**Num Underground:**	
Tank Material:	Fiberglass (FRP)	**Panam Related:**	NULL
Corrosion Protect:	Fiberglass	**Panam Venue:**	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Location: 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA

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

Device Installed Location: 3469 INNES RD RR 2 ORLÉANS K1C 1T1 ON CA

Fuel Storage Tank Details

Owner Account Name: 2339401 ONTARIO INC

Liquid Fuel Tank Details

Overfill Protection: Gravity
Owner Account Name: 2339401 ONTARIO INC

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18 ***21 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***INNES ROAD ANIMAL HOSPITAL*** ***GEN***
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 ***22 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***INNES ROAD ANIMAL HOSPITAL*** ***GEN***
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 ***23 of 30*** ***ENE/121.5*** ***89.9 / 0.00*** ***INNES ROAD ANIMAL HOSPITAL*** ***GEN***
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

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

Detail(s)

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

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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18 **24 of 30** **ENE/121.5** **89.9 / 0.00** **INNES ROAD ANIMAL HOSPITAL** **GEN**
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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18 **25 of 30** **ENE/121.5** **89.9 / 0.00** **INNES ROAD ANIMAL HOSPITAL** **GEN**
3469 INNES ROAD
OTTAWA ON K1C 1T1

Generator No: ON1549600
Status: Registered
Approval Years: As of Jul 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: 312 P
Waste Class Desc: Pathological wastes

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18 **26 of 30** **ENE/121.5** **89.9 / 0.00** **2339401 ONTARIO INC** **EXP**
3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA
ON

Instance No: 10762631
Status: Inactive
Instance ID:
Instance Type:
Instance Creation Dt: 7/19/2000 8:15:15 PM
Instance Install Dt: 5/13/2009
Item:
Item Description: FS Liquid Fuel Tank
Facility Type: FS LIQUID FUEL TANK
Overfill Prot Type: NULL
Creation Date: 7/5/2009 1:20:47 AM
Expired Date:
Manufacturer: NULL
Source: FS Liquid Fuel Tank
Description: 2009VBS; UNDERGROUND TANK
Serial No: NULL
Ulc Standard: NULL
Facility Location: 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA

Model: NULL
Quantity: 1
Unit of Measure: EA
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Panam Related: NULL
Panam Venue Nm: NULL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	27 of 30	ENE/121.5	89.9 / 0.00	2339401 ONTARIO INC 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	EXP

Instance No:	10762616	**Model:**	NULL
Status:	Inactive	**Quantity:**	1
Instance ID:		**Unit of Measure:**	EA
Instance Type:		**Fuel Type2:**	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM	**Fuel Type3:**	NULL
Instance Install Dt:	5/13/2009	**Piping Steel:**	
Item:		**Piping Galvanized:**	
Item Description:	FS Liquid Fuel Tank	**Tank Single Wall St:**	
Facility Type:	FS LIQUID FUEL TANK	**Piping Underground:**	
Overfill Prot Type:	NULL	**Tank Underground:**	
Creation Date:	7/5/2009 1:20:37 AM	**Panam Related:**	NULL
Expired Date:		**Panam Venue Nm:**	NULL
Manufacturer:	NULL		
Source:	FS Liquid Fuel Tank		
Description:	2009VBS; UNDERGROUND TANK		
Serial No:	NULL		
Ulc Standard:	NULL		
Facility Location:	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	28 of 30	ENE/121.5	89.9 / 0.00	2339401 ONTARIO INC 3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA ON	EXP

Instance No:	10762598	**Model:**	NULL
Status:	Inactive	**Quantity:**	1
Instance ID:		**Unit of Measure:**	EA
Instance Type:		**Fuel Type2:**	NULL
Instance Creation Dt:	7/19/2000 8:15:15 PM	**Fuel Type3:**	NULL
Instance Install Dt:	5/13/2009	**Piping Steel:**	
Item:		**Piping Galvanized:**	
Item Description:	FS Liquid Fuel Tank	**Tank Single Wall St:**	
Facility Type:	FS LIQUID FUEL TANK	**Piping Underground:**	
Overfill Prot Type:	NULL	**Tank Underground:**	
Creation Date:	7/5/2009 1:20:51 AM	**Panam Related:**	NULL
Expired Date:		**Panam Venue Nm:**	NULL
Manufacturer:	NULL		
Source:	FS Liquid Fuel Tank		
Description:	2009VBS; UNDERGROUND TANK		
Serial No:	NULL		
Ulc Standard:	NULL		
Facility Location:	3469 INNES RD RR 2 ORLEANS K1C 1T1 ON CA		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	29 of 30	ENE/121.5	89.9 / 0.00	3469 INNES RD GLOUCESTER ON K1C 1T1	FST

Instance No:	9796661	**Manufacturer:**	
Status:	Active	**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:	FS GASOLINE STATION - SELF SERVE	**Unit of Measure:**	
Item Description:		**Fuel Type:**	
Tank Type:		**Fuel Type2:**	
Install Date:		**Fuel Type3:**	
Install Year:		**Piping Steel:**	0
Years in Service:		**Piping Galvanized:**	0
Model:		**Tanks Single Wall St:**	0
Description:		**Piping Underground:**	3
Capacity:		**Num Underground:**	5

Tank Material:
Corrosion Protect:
Overfill Protect:
Facility Type:
Parent Facility Type:
Facility Location:
Device Installed Location:
Panam Related:
Panam Venue:

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18 | ***30 of 30*** | ***ENE/121.5*** | ***89.9 / 0.00*** | ***INNES ROAD ANIMAL HOSPITAL*** ***3469 INNES ROAD*** ***OTTAWA ON K1C 1T1*** | ***GEN***

Generator No: ON1549600
Status: Registered
Approval Years: As of Jan 2021
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: 312 P
Waste Class Desc: Pathological wastes

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19 | ***1 of 1*** | ***SW/121.5*** | ***88.9 / -1.00*** | ***ON*** | ***BORE***

Borehole ID: 615204
OGF ID: 215516146
Status:
Type: Borehole
Use:
Completion Date: JUN-1961
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 15.2
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 91.4
Elev Reliabil Note:
DEM Ground Elev m: 89.8
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.445628
Longitude DD: -75.529325
UTM Zone: 18
Easting: 458606
Northing: 5032592
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218400819
Top Depth: 4.6
Bottom Depth: 15.2
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00050FEET.LOOSE. BEDROCK. 10DROCK. BEDROCK. BEDROCK. WATER STA **Note: Many records provided by the department have a truncated [Stratum Description] field.
Mat Consistency: Loose
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID:	218400818	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.6	**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.		

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: 07712 NTS_Sheet:		
Confiden 1:			

Source List

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

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20 | ***1 of 1*** | ***SW/121.6*** | ***88.9 / -1.00*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501440	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501440.pdf

Bore Hole Information

Bore Hole ID:	10023483	**Elevation:**	89.759727
DP2BR:	15	**Elevrc:**	
Spatial Status:		**Zone:**	18

Code OB:	r	**East83:**	458605.8
Code OB Desc:	Bedrock	**North83:**	5032592
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/24/1961	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930991833
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991834
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501440
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572053
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039848
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039847
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501440
Pump Set At:	
Static Level:	2
Final Level After Pumping:	20
Recommended Pump Depth:	20
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454147
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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21 ***1 of 1*** ***WNW/124.0*** ***89.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	615214	***Inclin FLG:***	No
OGF ID:	215516156	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	1.5	***Lot:***	

Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.447067
Total Depth m:	-999	**Longitude DD:**	-75.529658
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	458581
Drill Method:		**Northing:**	5032752
Orig Ground Elev m:	91.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	91.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400841	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**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:	218400842	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. WATER STABLE AT 295.0 FEET.0200E. BEDROCK. 10DROCK. BEDROCK. BEDROCK. WAT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 077220 NTS_Sheet: 31G05H		
Confiden 1:	Reliable information but incomplete.		

Source List

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

22	***1 of 1***	***WNW/127.5***	***89.9 / 0.00***	***2084 MONTREAL ROAD OTTAWA ON***	***WWIS***

Well ID:	1535516	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	5/28/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	3
Audit No:	Z27124	**Owner:**	
Tag:	A020636	**Street Name:**	2084 MONTREAL ROAD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535516.pdf

Bore Hole Information

Bore Hole ID:	11316055	**Elevation:**	92.307472
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	458590
Code OB Desc:	Overburden	**North83:**	5032770
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/11/2005	**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:	932996511
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932996510
Layer:	1

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933269515
Layer:	1
Plug From:	0
Plug To:	1
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961535516
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11330910
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930855323
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933412859
Layer:	1
Slot:	10
Screen Top Depth:	2
Screen End Depth:	5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.5

Hole Diameter

Hole ID:	11533550
Diameter:	20
Depth From:	0
Depth To:	5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

23 | **1 of 1** | **NE/130.0** | **89.9 / 0.00** | **lot 5 con 2 ON** | **WWIS**

Well ID:	1510714	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/23/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1510714.pdf

Bore Hole Information

Bore Hole ID:	10032731	**Elevation:**	91.795059
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458770.8
Code OB Desc:	Bedrock	**North83:**	5032782
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/9/1970	**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:	931015638
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015637
Layer: 1
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510714
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581301
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058029
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 38
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058028
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991510714
Pump Set At:	
Static Level:	4
Final Level After Pumping:	15
Recommended Pump Depth:	20
Pumping Rate:	10
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:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934897985
Test Type:	Draw Down
Test Duration:	60
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097305
Test Type:	Draw Down
Test Duration:	15
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641199
Test Type:	Draw Down
Test Duration:	45
Test Level:	15
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380040
Test Type:	Draw Down
Test Duration:	30
Test Level:	15
Test Level UOM:	ft

Water Details

Water ID:	933465747
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	38
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	NW/135.3	89.9 / 0.00	lot 6 con 2 ON	WWIS

Well ID:	1501236	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	4/21/1961
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:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501236.pdf

Bore Hole Information

Bore Hole ID:	10023279	**Elevation:**	92.47541
DP2BR:	12	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458590.8
Code OB Desc:	Bedrock	**North83:**	5032782
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	4/8/1961	**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:	930991307
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 930991308
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 240
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501236
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10571849
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039452
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 240
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039451
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501236
Pump Set At:
Static Level: 10
Final Level After Pumping: 230
Recommended Pump Depth: 200
Pumping Rate: 2

Flowing Rate:	
Recommended Pump Rate:	2
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:	933453933
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170
Water Found Depth UOM:	ft

Water Details

Water ID:	933453934
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	230
Water Found Depth UOM:	ft

Water Details

Water ID:	933453932
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

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25 | ***1 of 1*** | ***N/137.4*** | ***89.9 / 0.00*** | ***lot 6 con 2 ON*** | ***WWIS***

Well ID:	1501233	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	9/7/1960
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:**	006
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501233.pdf

Bore Hole Information

Bore Hole ID:	10023276	***Elevation:***	92.821388
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458680.8
Code OB Desc:	Bedrock	***North83:***	5032822
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/30/1960	***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:	930991299
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7
Formation End Depth:	164
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991298
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501233
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10571846
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039447
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 164
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039446
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 17
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501233
Pump Set At:
Static Level: 5
Final Level After Pumping: 140
Recommended Pump Depth: 140
Pumping Rate: 42
Flowing Rate:
Recommended Pump Rate: 42
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

Water Details

Water ID: 933453927
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90
Water Found Depth UOM: ft

Water Details

Water ID: 933453929

Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 164
Water Found Depth UOM: ft

Water Details

Water ID: 933453928
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 150
Water Found Depth UOM: ft

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26 | **1 of 1** | **NE/139.9** | **89.9 / 0.00** | **lot 5 con 2 ON** | **WWIS**

Well ID: 1510715
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: 2/23/1971
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 005
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510715.pdf

Bore Hole Information

Bore Hole ID: 10032732
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/3/1970
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 91.95578
Elevrc:
Zone: 18
East83: 458760.8
North83: 5032802
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID:	931015640
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015639
Layer:	1
Color:	2
General Color:	GREY
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510715
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581302
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058030
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	20
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930058031
Layer:	2

Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 32
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510715
Pump Set At:
Static Level: 4
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 10
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934641200
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380041
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897986
Test Type: Draw Down
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097306
Test Type: Draw Down
Test Duration: 15
Test Level: 15
Test Level UOM: ft

Water Details

Water ID:	933465748
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32
Water Found Depth UOM:	ft

27 | 1 of 1 | SSW/144.6 | 88.9 / -1.00 | lot 6 con 3 ON | WWIS

Well ID:	1509636	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/30/1968
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:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1509636.pdf

Bore Hole Information

Bore Hole ID:	10031668	**Elevation:**	89.101966
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	458660.8
Code OB Desc:	Overburden	**North83:**	5032542
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/1/1968	**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:	931012632
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 40
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961509636
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580238
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930055976
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991509636
Pump Set At:
Static Level: 3
Final Level After Pumping: 30
Recommended Pump Depth: 38
Pumping Rate: 8
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

Water Details

Water ID: 933464522
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 1	ENE/147.4	88.9 / -1.00	lot 5 con 2 ON	WWIS

Well ID:	1501220	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/5/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501220.pdf

Bore Hole Information

Bore Hole ID:	10023263	**Elevation:**	90.932769
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458815.8
Code OB Desc:	Bedrock	**North83:**	5032752
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	7/16/1962	**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:	930991270
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	37
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961501220
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10571833
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039420
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 37
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039419
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 8
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501220
Pump Set At:
Static Level: 4
Final Level After Pumping: 20
Recommended Pump Depth: 20
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: 0
Flowing: No

Water Details

Water ID: 933453913
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 37
Water Found Depth UOM: ft

---

29 **1 of 1** **ENE/147.5** **88.9 / -1.00** **ON** **BORE**

Borehole ID:	615215	**Inclin FLG:**	No
OGF ID:	215516157	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUL-1962	**Municipality:**	
Static Water Level:	2.7	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.447081
Total Depth m:	11.3	**Longitude DD:**	-75.526653
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	458816
Drill Method:		**Northing:**	5032752
Orig Ground Elev m:	92.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	90.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400843	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	11.3	**Material Texture:**	
Material Color:	Grey	**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. GREY. WATER STABLE AT 295.0 FEET.0200E. BEDROCK. 10DROCK. BEDROCK. BEDRO
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07723 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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	SW/156.6	88.9 / -1.00	lot 6 con 3 ON	WWIS

Well ID:	1501439	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501439.pdf

Bore Hole Information

Bore Hole ID:	10023482	**Elevation:**	89.852096
DP2BR:	15	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458575.8
Code OB Desc:	Bedrock	**North83:**	5032572
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/23/1961	**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:			

Overburden and Bedrock Materials Interval

Formation ID:	930991832
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 930991831
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501439
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572052
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039846
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039845
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 17
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501439
Pump Set At:
Static Level: 3
Final Level After Pumping: 3
Recommended Pump Depth: 20
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: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454146
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52
Water Found Depth UOM: ft

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31 ***1 of 3*** ***ESE/159.9*** ***88.9 / -1.00*** ***JEANNINE T KNIGHTON***
2305 PAGE RD,,OTTAWA,ON,K1W 1H3,CA ON ***PINC***

Incident ID:
Incident No: 1449252
Incident Reported Dt: 7/30/2014
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: JEANNINE T KNIGHTON
Incident Address: 2305 PAGE RD,,OTTAWA,ON,K1W 1H3,CA
Tank Status: Pipeline Damage Reason Est
Task No: 5122923
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2014/07/30
Operation Type:
Pipeline Type:
Regulator Type:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail
Summary: 2305 PAGÉ RD, ORLÉANS - PIPELINE HIT - 2"
Reported By: Peter O'Gorman - Enbridge
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

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31 ***2 of 3*** ***ESE/159.9*** ***88.9 / -1.00*** ***2305 Pagé Road***
Orléans ON K1W 1H3 ***EHS***

Order No: 20190219164
Status: C
Report Type: Standard Report
Report Date: 21-FEB-19
Date Received: 19-FEB-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: City Directory; Aerial Photos
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.526365
Y: 45.446049

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	3 of 3	ESE/159.9	88.9 / -1.00	PIPELINE HIT - 1 1/4" 2305 PAGE RD,,ORLÉANS,ON,K1W 1H3,CA ON	PINC

Incident ID:		**Fuel Category:**	
Incident No:	1455758	**Health Impact:**	
Incident Reported Dt:	8/11/2014	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	
Status Code:		**Service Interupt:**	
Customer Acct Name:	PIPELINE HIT - 1 1/4"	**Enforce Policy:**	
Incident Address:	2305 PAGE RD,,ORLÉANS,ON,K1W 1H3,CA	**Public Relation:**	
Tank Status:	Non Mandated	**Pipeline System:**	
Task No:		**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Fuel Type:		**PSIG:**	
Fuel Occurrence Tp:		**Attribute Category:**	
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Dt:		**Method Details:**	
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 1	SE/165.3	88.9 / -1.00	lot 6 con 3 ON	WWIS

Well ID:	1501424	**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:**	1628
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:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501424.pdf

Bore Hole Information

Bore Hole ID:	10023467	**Elevation:**	89.728378
DP2BR:	13	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458800.8
Code OB Desc:	Bedrock	**North83:**	5032567
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5

Date Completed: 9/19/1961
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 100 m - 100 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930991795
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991796
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 10
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991797
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 13
Formation End Depth: 44
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501424
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572037
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039816
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 44
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501424
Pump Set At:
Static Level: 6
Final Level After Pumping: 28
Recommended Pump Depth: 28
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 3
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: 933454131
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth:	40
Water Found Depth UOM:	ft

33 | **1 of 1** | **ESE/183.7** | **88.9 / -1.00** | **RHEAL SIMARD - PT. LOT 5, CONC. 3 PAGE RD./BUTTONFIELD PLACE GLOUCESTER CITY ON** | **CA**

Certificate #:	3-1272-91-
Application Year:	91
Issue Date:	8/22/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

34 | **1 of 1** | **NNE/190.0** | **89.9 / 0.00** | **lot 5 con 2 ON** | **WWIS**

Well ID:	1501225	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/24/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501225.pdf

Bore Hole Information

Bore Hole ID:	10023268	**Elevation:**	92.480255
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458715.8
Code OB Desc:	Bedrock	**North83:**	5032872
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/20/1965	**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:

Overburden and Bedrock Materials Interval

Formation ID:	930991282
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	59
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501225
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571838
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039430
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

Construction Record - Casing

Casing ID:	930039431
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	59
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501225
Pump Set At:	
Static Level:	9
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	10
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:	30
Flowing:	No

Water Details

Water ID:	933453918
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	59
Water Found Depth UOM:	ft

---

35 | ***1 of 1*** | ***SE/190.4*** | ***88.9 / -1.00*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501441	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501441.pdf

Bore Hole Information

Bore Hole ID:	10023484	**Elevation:**	89.453376
DP2BR:	28	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458810.8
Code OB Desc:	Bedrock	**North83:**	5032542
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/26/1961	**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: 930991835
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 28
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991836
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28
Formation End Depth: 52
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501441
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572054
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039850
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:	
Depth To:	52
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039849
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501441
Pump Set At:	
Static Level:	
Final Level After Pumping:	20
Recommended Pump Depth:	20
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:	Yes

Water Details

Water ID:	933454148
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

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36 | ***1 of 1*** | ***ESE/191.5*** | ***88.9 / -1.00*** | ***2305 Page Rd Ottawa ON K1W 1H3*** | ***EHS***

Order No:	20121221030	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa Gloucester Ward
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-JAN-13	**Search Radius (km):**	.25
Date Received:	21-DEC-12	**X:**	-75.526105
Previous Site Name:	single family dwelling possible garden centre	**Y:**	45.445734
Lot/Building Size:	0.89 hectare		
Additional Info Ordered:			

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37 | ***1 of 2*** | ***SW/197.5*** | ***88.9 / -1.00*** | ***6078 Buttonfield Place Gloucester ON*** | ***EHS***

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

Order No:	20312600039	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	01-DEC-20	**Search Radius (km):**	.25
Date Received:	26-NOV-20	**X:**	-75.5300099
Previous Site Name:		**Y:**	45.4451408
Lot/Building Size:			
Additional Info Ordered:			

37	2 of 2	SW/197.5	88.9 / -1.00	6078 Buttonfield Place Gloucester ON	EHS

Order No:	20312600039	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	01-DEC-20	**Search Radius (km):**	.25
Date Received:	26-NOV-20	**X:**	-75.5300099
Previous Site Name:		**Y:**	45.4451408
Lot/Building Size:			
Additional Info Ordered:			

38	1 of 1	WNW/206.3	89.9 / 0.00	lot 6 con 2 ON	WWIS

Well ID:	1510727	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/30/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1510727.pdf

Bore Hole Information

Bore Hole ID:	10032744	**Elevation:**	91.704673
DP2BR:	0	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458530.8
Code OB Desc:	Bedrock	**North83:**	5032822
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/31/1969	**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:	931015671
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510727
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581314
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058055
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	30
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930058054
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510727
Pump Set At:	
Static Level:	5
Final Level After Pumping:	20
Recommended Pump Depth:	25
Pumping Rate:	10
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:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934641629
Test Type:	Draw Down
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897997
Test Type:	Draw Down
Test Duration:	60
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380053
Test Type:	Draw Down
Test Duration:	30
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097318
Test Type:	Draw Down
Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Water Details

Water ID:	933465762
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30
Water Found Depth UOM:	ft

39	*1 of 4*	*ENE/206.3*	*88.9 / -1.00*	***3493 and 3497 Innes road Orléans ON K1C 1T1***	***EHS***

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

Order No: 20200526116
Status: C
Report Type: RSC Report (Urban)
Report Date: 29-MAY-20
Date Received: 26-MAY-20
Previous Site Name:
Lot/Building Size: 043 ha
Additional Info Ordered: City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.52619778
Y: 45.44756373

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	2 of 4	ENE/206.3	88.9 / -1.00	3493 and 3497 Innes road Orléans ON K1C 1T1	EHS

Order No: 20200526116
Status: C
Report Type: RSC Report (Urban)
Report Date: 29-MAY-20
Date Received: 26-MAY-20
Previous Site Name:
Lot/Building Size: 043 ha
Additional Info Ordered: City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.52619778
Y: 45.44756373

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	3 of 4	ENE/206.3	88.9 / -1.00	3493 and 3497 Innes road Orléans ON K1C 1T1	EHS

Order No: 20200526116
Status: C
Report Type: RSC Report (Urban)
Report Date: 29-MAY-20
Date Received: 26-MAY-20
Previous Site Name:
Lot/Building Size: 043 ha
Additional Info Ordered: City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.52619778
Y: 45.44756373

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	4 of 4	ENE/206.3	88.9 / -1.00	3493 and 3497 Innes road Orléans ON K1C 1T1	EHS

Order No: 20200526116
Status: C
Report Type: RSC Report (Urban)
Report Date: 29-MAY-20
Date Received: 26-MAY-20
Previous Site Name:
Lot/Building Size: 043 ha
Additional Info Ordered: City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.52619778
Y: 45.44756373

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	1 of 1	WNW/206.5	89.9 / 0.00	ON	BORE

Borehole ID: 615228
OGF ID: 215516170
Status:
Type: Borehole
Use:
Completion Date: JUL-1969
Static Water Level: 10.2
Primary Water Use:
Sec. Water Use:
Total Depth m: 9.1

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.447694
Longitude DD: -75.530304

Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	458531
Drill Method:		**Northing:**	5032822
Orig Ground Elev m:	91.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	91.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400872	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:	Grey	**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. GREY. 00040ROCK. WHITE. 00060 BEDROCK. 10DROCK. BEDROCK. BEDRO **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

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

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 07736 NTS_Sheet:
Confiden 1:

Source List

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

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

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41 | ***1 of 1*** | ***N/209.0*** | ***89.9 / 0.00*** | ***lot 5 con 2 ON*** | ***WWIS***

Well ID:	1501226	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/24/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	02

Overburden/Bedrock:		***Concession Name:***	OF
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\1501226.pdf

Bore Hole Information

Bore Hole ID:	10023269	***Elevation:***	92.47953
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458710.8
Code OB Desc:	Bedrock	***North83:***	5032892
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/28/1965	***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:			

Overburden and Bedrock Materials Interval

Formation ID:	930991283
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	56
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501226
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571839
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039432

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

Construction Record - Casing

Casing ID:	930039433
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	56
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501226
Pump Set At:	
Static Level:	10
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	8
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:	30
Flowing:	No

Water Details

Water ID:	933453919
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	56
Water Found Depth UOM:	ft

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42 | ***1 of 1*** | ***SE/212.1*** | ***88.6 / -1.31*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501426	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/20/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA

Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501426.pdf

Bore Hole Information

Bore Hole ID:	10023469	**Elevation:**	89.373924
DP2BR:	18	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458820.8
Code OB Desc:	Bedrock	**North83:**	5032522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/22/1961	**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:	930991801
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991800
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	18

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501426
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572039
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039819
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039820
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 32
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501426
Pump Set At:
Static Level: 2
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 12
Flowing Rate:
Recommended Pump Rate: 12
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

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

Water ID: 933454133
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 32
Water Found Depth UOM: ft

---

43 | 1 of 1 | ENE/214.9 | 88.9 / -1.00 | lot 5 con 2 ON | WWIS

Well ID: 1501218
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: 12/6/1960
Selected Flag: Yes
Abandonment Rec:
Contractor: 1629
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 005
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501218.pdf

Bore Hole Information

Bore Hole ID: 10023261
DP2BR: 1
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/6/1960
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 91.27729
Elevrc:
Zone: 18
East83: 458870.8
North83: 5032792
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930991266
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: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991267
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 37
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501218
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571831
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039415
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 6
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039416
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 37
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501218
Pump Set At:	
Static Level:	8
Final Level After Pumping:	20
Recommended Pump Depth:	20
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	2
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:	933453911
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37
Water Found Depth UOM:	ft

44 ***1 of 1*** ***WSW/217.1*** ***88.7 / -1.20*** ***ON*** ***BORE***

Borehole ID:	615196	***Inclin FLG:***	No
OGF ID:	215516138	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1961	***Municipality:***	
Static Water Level:	10.2	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.445173
Total Depth m:	13.7	***Longitude DD:***	-75.530408
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	458521
Drill Method:		***Northing:***	5032542
Orig Ground Elev m:	91.4	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	89.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400799	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	4.9	***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: 218400800
Top Depth: 4.9
Bottom Depth: 5.5
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218400801
Top Depth: 5.5
Bottom Depth: 13.7
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00045LOOSE. BEDROCK. 10DROCK. BEDROCK. BEDROCK. WATER STABLE AT 2
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Loose
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 07704 NTS_Sheet:
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

45	1 of 1	WSW/217.2	88.7 / -1.20	lot 6 con 3 ON	WWIS

Well ID: 1501438
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:

Data Entry Status:
Data Src: 1
Date Received: 8/15/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 03

Overburden/Bedrock:		***Concession Name:***	OF
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\1501438.pdf

Bore Hole Information

Bore Hole ID:	10023481	***Elevation:***	89.685562
DP2BR:	18	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458520.8
Code OB Desc:	Bedrock	***North83:***	5032542
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/21/1961	***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:	930991829
Layer:	2
Color:	
General Color:	
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991828
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930991830
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18
Formation End Depth:	45
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501438
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572051
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039843
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039844
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	45
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501438
Pump Set At:	
Static Level:	1
Final Level After Pumping:	20
Recommended Pump Depth:	20

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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454145
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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46 | ***1 of 1*** | ***WSW/225.6*** | ***88.7 / -1.20*** | ***6082 BUTTONFIELD PLACE OTTAWA ON K1W 1C1*** | ***HINC***

External File Num:	FS INC 0809-05344
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	9/9/2008
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	No
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:Yes Training:No Management:Yes Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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47 | ***1 of 3*** | ***ENE/225.7*** | ***88.9 / -1.00*** | ***Caivan (Orleans Village) Limited 3490 Innes Rd Ottawa ON K2H 1B2*** | ***ECA***

Approval No:	8272-B27KVJ	**MOE District:**	
Approval Date:	2018-07-06	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Caivan (Orleans Village) Limited		
Address:	3490 Innes Rd		
Full Address:			

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6099-AZYKDA-14.pdf

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47 | **2 of 3** | **ENE/225.7** | **88.9 / -1.00** | **TAGGART CONSTRUCTION LIMITED**
3490 Innes RD
Orleans ON K1C 1T1 | **EASR**

Approval No:	R-009-6110523524	**SWP Area Name:**	Rideau Valley
Status:	REGISTERED	**MOE District:**	Ottawa
Date:	2018-07-12	**Municipality:**	Orleans
Record Type:	EASR	**Latitude:**	45.44666667
Link Source:	MOFA	**Longitude:**	-75.52694444
Project Type:	Water Taking - Construction Dewatering	**Geometry X:**	
Full Address:		**Geometry Y:**	

Approval Type: EASR-Water Taking - Construction Dewatering
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2074067

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47 | **3 of 3** | **ENE/225.7** | **88.9 / -1.00** | **Caivan (Orleans Village) Limited**
3490 Innes Rd
Ottawa ON K2H 1B2 | **ECA**

Approval No:	4606-B8WKUV	**MOE District:**	
Approval Date:	2019-02-08	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Caivan (Orleans Village) Limited
Address: 3490 Innes Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4997-B8QTDT-14.pdf

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48 | **1 of 1** | **E/226.8** | **88.9 / -1.00** | **lot 5 con 3**
ON | **WWIS**

Well ID:	1510729	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/30/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1510729.pdf

Bore Hole Information

Bore Hole ID:	10032746	**Elevation:**	90.601303
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	458910.8
Code OB Desc:	Overburden	**North83:**	5032702
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/30/1969	**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:	931015676
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70
Formation End Depth:	72
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015675
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	70
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510729
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581316

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058058
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 72
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510729
Pump Set At:
Static Level: 5
Final Level After Pumping: 20
Recommended Pump Depth: 25
Pumping Rate: 10
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934897999
Test Type: Draw Down
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380055
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641631
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097320
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933465764
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72
Water Found Depth UOM: ft

---

49 | **1 of 1** | **SE/233.9** | **87.8 / -2.03** | **lot 6 con 3 ON** | **WWIS**

Well ID: 1501442
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: 8/15/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 03
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501442.pdf

Bore Hole Information

Bore Hole ID: 10023485
DP2BR: 32
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/27/1961
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 89.233551
Elevrc:
Zone: 18
East83: 458830.8
North83: 5032502
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID:	930991837
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991838
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	32
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501442
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572055
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039852
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039851
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501442
Pump Set At:	
Static Level:	
Final Level After Pumping:	20
Recommended Pump Depth:	20
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:	1
Pumping Duration MIN:	0
Flowing:	Yes

Water Details

Water ID:	933454149
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

---

50 | ***1 of 1*** | ***NNW/235.2*** | ***89.9 / 0.00*** | ***1813-1835 Loranger Court Ottawa ON K1C*** | ***EHS***

Order No:	21012200611	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	27-JAN-21	**Search Radius (km):**	.25
Date Received:	22-JAN-21	**X:**	-75.5288705
Previous Site Name:		**Y:**	45.4485462
Lot/Building Size:			
Additional Info Ordered:			

---

51 | ***1 of 1*** | ***NW/236.1*** | ***89.9 / 0.00*** | ***Caroline's Rub-Fine Spice 6355 Sablewood Pl Orleans ON K1C 7M3*** | ***SCT***

Established:	2003
Plant Size (ft²):	
Employment:	2

--Details--

Description:	Seasoning and Dressing Manufacturing
SIC/NAICS Code:	311940
Description:	All Other Miscellaneous Manufacturing

SIC/NAICS Code: 339990

---

52 | **1 of 1** | **ENE/239.7** | **88.9 / -1.00** | **lot 5 con 2 ON** | **WWIS**

Well ID:	1501219	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/7/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2311
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:**	005
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501219.pdf

Bore Hole Information

Bore Hole ID:	10023262	**Elevation:**	91.26548
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458890.8
Code OB Desc:	Bedrock	**North83:**	5032807
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/2/1962	**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:	930991268
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991269
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3
Formation End Depth:	53
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501219
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10571832
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039417
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039418
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	53
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501219
Pump Set At:	

Static Level:	6
Final Level After Pumping:	10
Recommended Pump Depth:	20
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453912
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

---

53 | ***1 of 3*** | ***SE/245.4*** | ***87.9 / -2.00*** | ***ORLEANS BLVD TOWING & RECYCLING***
2360 PAGE RD
ORLEANS ON K1W 1H3 | ***AUWR***

Headcode:	00098600
Headcode Desc:	AUTOMOBILE WRECKING & RECYCLING
Phone:	
List Name:	
Description:	

---

53 | ***2 of 3*** | ***SE/245.4*** | ***87.9 / -2.00*** | ***CASH FOR SCRAP***
2360 PAGE RD
OTTAWA ON K1W 1H3 | ***AUWR***

Headcode:	01169400
Headcode Desc:	SCRAP METALS
Phone:	6138539810
List Name:	
Description:	

---

53 | ***3 of 3*** | ***SE/245.4*** | ***87.9 / -2.00*** | ***ORLEANS BLVD TOWING & RECYCLING***
2360 PAGE RD
ORLEANS ON K1W1H3 | ***AUWR***

Headcode:	00098600
Headcode Desc:	CAR WRECKING & RECYCLING
Phone:	6138374545
List Name:	
Description:	

---

54 | ***1 of 1*** | ***WSW/245.5*** | ***87.9 / -2.00*** | ***lot 6 con 3***
ON | ***WWIS***

Well ID:	1501437	**Data Entry Status:**	
Construction Date:		**Data Src:**	1

Primary Water Use:	Domestic	**Date Received:**	8/15/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	OF
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\1501437.pdf

Bore Hole Information

Bore Hole ID:	10023480	**Elevation:**	89.607749
DP2BR:	31	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	458500.8
Code OB Desc:	Bedrock	**North83:**	5032522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/20/1961	**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:	930991825
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	28
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991826
Layer:	2
Color:	
General Color:	

Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28
Formation End Depth:	31
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991827
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	31
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501437
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572050
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039841
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	33
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039842
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75

Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501437
Pump Set At:	
Static Level:	20
Final Level After Pumping:	30
Recommended Pump Depth:	20
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	10
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454144
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

---

55 | ***1 of 1*** | ***N/247.6*** | ***89.9 / 0.00*** | ***lot 5 con 2 ON*** | ***WWIS***

Well ID:	1501228	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/18/1967
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	OF
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\1501228.pdf

Bore Hole Information

Bore Hole ID:	10023271	**Elevation:**	92.308006
DP2BR:	2	**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	458695.8
Code OB Desc:	Bedrock	***North83:***	5032932
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/20/1967	***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:	930991287
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:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991286
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501228
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10571841
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039437
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039436
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501228
Pump Set At:	
Static Level:	9
Final Level After Pumping:	20
Recommended Pump Depth:	25
Pumping Rate:	10
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453922
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

56	*1 of 1*	*E/249.4*	*88.9 / -1.00*	***GIBSON PATTERSON*** ***240 LAMARCHE AVENUE, OTTAWA, ON K1C 1T1*** ***Ottawa ON***	***RSC***

RSC ID:	226597	***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:	Phase 1 RSC	***Intended Prop Use:***	Residential
Curr Property Use:	Commercial	***Qual Person Name:***	TIM ROBERTSON

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

Ministry District:	Ottawa District Office	***Stratified (Y/N):***	
Filing Date:	2020/04/20	***Audit (Y/N):***	
Date Ack:		***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:		***Telephone:***	
Soil Type:		***Fax:***	
Criteria:		***Email:***	
CPU Issued Sect 1686:			

Asmt Roll No: 0614600205029010000
Prop ID No (PIN): 04404-1856 (LT),
04404-1857 (LT)
Property Municipal Address: 270 LAMARCHE AVENUE, OTTAWA, ON K1C 1T1, 240 LAMARCHE AVENUE, OTTAWA, ON K1C 1T1
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=125242&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: RSC Letter Blks 149-150 - 7 Feb 2020 - signed.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=125237&fileName=RSC+Letter+Blks+149-150+-+7+Feb+2020+-+signed.pdf

Document Heading: Supporting Documents
Document Name: Phase One ESA CSM 240 and 270 Lamarche.pdf
Document Type: Phase 1 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=125238&fileName=Phase+One+ESA+CSM+240+and+270+Lamarche.pdf

Document Heading: Supporting Documents
Document Name: Current and Past Use Table - 240 and 270.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=125239&fileName=Current+and+Past+Use+Table+-+240+and+270.pdf

Document Heading: Supporting Documents
Document Name: Survey.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=127241&fileName=Survey.pdf

Document Heading: Supporting Documents
Document Name: 04404-combined.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=125241&fileName=04404-combined.pdf

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57	*1 of 2*	*SSW/249.5*	*87.9 / -2.00*	***RECONSTRUCT*** ***6110 BUTTONFIELD PL,,ORLÉANS,ON,K1W 1C2, CA*** ***ON***	***PINC***

Incident ID:		***Fuel Category:***	Natural Gas
Incident No:	1919796	***Health Impact:***	
Incident Reported Dt:	8/9/2016	***Environment Impact:***	
Type:	FS-Pipeline Incident	***Property Damage:***	Yes
Status Code:		***Service Interupt:***	

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

Customer Acct Name:	RECONSTRUCT	**Enforce Policy:**	Yes
Incident Address:	6110 BUTTONFIELD PL,,ORLÉANS,ON,K1W 1C2,CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:	6281701	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Fuel Type:		**PSIG:**	
Fuel Occurrence Tp:		**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Dt:	2016/08/10	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	6110 BUTTONFIELD PLACE, ORLÉANS - PIPELINE HIT - 1/2"		
Reported By:	Rick Gazda - ENBRIDGE		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

57	2 of 2	SSW/249.5	87.9 / -2.00	**Enbridge Gas Distribution Inc.** **6110 Buttonfield place, Orleans** **Ottawa ON**	SPL

Ref No:	1578-ACNPEW	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/08/09	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	6110 Buttonfield place, Orleans
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
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:	2016/08/09	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	Pipeline<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Buttonfield Place -service damage		
Contaminant Qty:	0 other - see incident description		

Unplottable Summary

Total: 50 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
CA	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
CA	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
CA	REG. MUN. OF OTTAWA-CARLETON	INNES RD.	GLOUCESTER CITY ON	
CA	MINTO DEVELOPMENTS INC.-PT.LOT 6.CONC. 3	BUTTONFIELD PLACE/ORLEANS BLVD	GLOUCESTER CITY ON	
CA	DOMICILE DEVELOPMENTS INC. IN TRUST	PRIVATE STREET #1/INNES ROAD	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON,	INNES RD. TRANSPORTATION DEPT.	GLOUCESTER CITY ON	
CA	MINTO DEVELOPMENTS INC.-PT.LOT 6, CONC.3	BUTTONFIELD PLACE/ORLEANS BLVD	GLOUCESTER CITY ON	
CA	LIFE CENTRE - STORMWATER MANAGEMENT FAC.	INNES ROAD/MUD CREEK	GLOUCESTER CITY ON	
CA	LIFE CENTRE - LIFE CENTRE CHURCH	INNES ROAD	GLOUCESTER CITY ON	
CA	DOMICILE DEVELOPMENTS INC. IN TRUST	PRIVATE STREET INNES ROAD	GLOUCESTER CITY ON	
CA	MICHEL LAMARCHE ENTERPRISES INC.	PAGE ROAD X-7-1094-89	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON	INNES RD. NORTH SIDE	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON	INNES ROAD	GLOUCESTER CITY ON	
CA	Page Road Pond No. 1	Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806	Gloucester ON	
CA		Page Rd Allowance bwt Lots 5 and 6, Conc. III	Ottawa ON	
CA		Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro	Ottawa ON	

		Corridor Pt 2, Ref Plan 5R-14021	
CA	Chapel Hill Subdivision - Stage 9	Lots 6 and 7, Concession 3	Gloucester ON
CA	Chapel Hill Subdivision - Stage 9	Lots 6 and 7, Concession 3	Gloucester ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON
CA	First Capital Asset Management ULC	Part of Lot 6, Concession 2 Reference Plan 4R-22210	Ottawa ON
CA	City of Ottawa	Innes Rd., from Page Rd. to Tenth Line Rd.	Ottawa ON
CA	Longwood Building Corporation	Part of Lot 6, Between Concession 2 & 3	Ottawa ON
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON
CA	City of Ottawa	Innes Rd., from Page Rd. to Tenth Line Rd.	Ottawa ON
CA	Rideau Forest Development Ltd.	Part of Lot 5, Concession 3, Geographic Township of Osgoode	Ottawa ON
CA	MINTO CONSTRUCTION CHAPEL HILL EAST	THORNECREST STREET	GLOUCESTER CITY ON
CA	R. M. OF OTTAWA-CARLETON	INNES RD. SEWAGE PUMPING STAT.	GLOUCESTER CITY ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	CANADIAN WASTE SERVICES INC.		ON
CONV	Taggart Construction Limited		Ottawa ON
CONV	CANADIAN WASTE SERVICES INC.		ON
EBR	Goulbourn-Stittsville Sanitation Limited	Lot 6, Conc. 2 CITY OF OTTAWA	ON

EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	City of Ottawa	Innes Rd., from Page Rd. to Tenth Line Rd.	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Innes Rd., from Page Rd. to Tenth Line Rd.	Ottawa ON	K2G 6J8
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	City of Ottawa	Innes Rd., from Page Rd. to Tenth Line Rd.	Ottawa ON	K2G 6J8
GEN	Glenview Homes (Innes) Ltd	0 Innes Road	Ottawa ON	K1C 1T1
PTTW	Ottawa Hunt and Golf Club Limited	Lot 5, Concession 2, Gloucester (Part: 1, Plan: 4R-7577), Ottawa CITY OF OTTAWA	ON	
PTTW	Ottawa Hunt and Golf Club, Limited	Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA	ON	
PTTW	Ottawa Hunt & Golf Club Limited	Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA	ON	
SPL	City of Ottawa	and Page Road	Ottawa ON	

Unplottable Report

Site: ***THE DOUGLAS MACDONALD DEVELOP.CORP.***
INNES RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1487-85-006
Application Year:	85
Issue Date:	12/23/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***THE DOUGLAS MACDONALD DEVELOP.CORP.***
INNES RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	7-1125-85-006
Application Year:	85
Issue Date:	12/23/85
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***KLAUS MORITZ***
INNES RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-0583-85-006
Application Year:	85
Issue Date:	6/7/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***KLAUS MORITZ***
INNES RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	7-0394-85-006
Application Year:	85

Issue Date: 5/30/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG. MUN. OF OTTAWA-CARLETON***
INNES RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0153-85-006
Application Year: 85
Issue Date: 3/21/85
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.-PT.LOT 6.CONC. 3***
BUTTONFIELD PLACE/ORLEANS BLVD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0226-92-
Application Year: 92
Issue Date: 3/17/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***DOMICILE DEVELOPMENTS INC. IN TRUST***
PRIVATE STREET #1/INNES ROAD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0032-90-
Application Year: 90
Issue Date: 2/1/1990
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,***
INNES RD. TRANSPORTATION DEPT. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0814-88-
Application Year: 88
Issue Date: 6/28/1988
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.-PT.LOT 6, CONC.3***
BUTTONFIELD PLACE/ORLEANS BLVD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0247-92-
Application Year: 92
Issue Date: 3/17/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LIFE CENTRE - STORMWATER MANAGEMENT FAC.***
INNES ROAD/MUD CREEK GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0803-91-
Application Year: 91
Issue Date: 9/25/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LIFE CENTRE - LIFE CENTRE CHURCH***
INNES ROAD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0926-91-
Application Year: 91
Issue Date: 7/3/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***DOMICILE DEVELOPMENTS INC. IN TRUST***
PRIVATE STREET INNES ROAD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0047-90-
Application Year: 90
Issue Date: 2/16/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MICHEL LAMARCHE ENTERPRISES INC.***
PAGE ROAD X-7-1094-89 GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1323-89-
Application Year: 89
Issue Date: 7/17/1989
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***
INNES RD. NORTH SIDE GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-2060-88-
Application Year: 88
Issue Date: 10/30/1988
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***
INNES ROAD GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0734-88-
Application Year: 88
Issue Date: 5/13/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: ***Page Road Pond No. 1***
Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806 Gloucester ON

Database: ***CA***

Certificate #: 3330-4SUM4R
Application Year: 01
Issue Date: 3/7/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 1595, Telesat Court
Client City: Gloucester
Client Postal Code: K1G 3V5
Project Description: This application is for the construction of a storm water management facility (Page Road Pond No. 1) designed for storm water quality and peak flow control serving the East Urba Community.
Contaminants:
Emission Control:

Site:
Page Rd Allowance bwt Lots 5 and 6, Conc. III Ottawa ON

Database: ***CA***

Certificate #: 4785-4XFRCP
Application Year: 01
Issue Date: 6/8/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: The works consist of installation of about 240 m of twin forcemains (300 mm and 400 mm dia.) that will become part of the future Forest Valley P.S. forcemains. The works will be done at this time to take advantage of the road construction. The works include connection to the existing M. H. (bulkheads will be provided at stub ends) and installation of the drain chamber. The forcemains is located within Page Road from approximately 40 m south of Montpelier PL to approximately 280 m south of Montpelier PL.
Contaminants:
Emission Control:

Site:
Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro Corridor Pt 2, Ref Plan 5R-14021 Ottawa ON

Database: ***CA***

Certificate #: 7125-4WTRKD
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: watermains to be constructed on Page Road and Easement within Hydro Corridor
Contaminants:
Emission Control:

Site: ***Chapel Hill Subdivision - Stage 9***
Lots 6 and 7, Concession 3 Gloucester ON

Database: ***CA***

Certificate #:	7337-4VAJB8
Application Year:	01
Issue Date:	4/2/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	This application is for construction of sanitary sewage pumping station and installation of sanitary force mains to serve Chapel Hill Subdivision- Stage 9
Contaminants:	
Emission Control:	

Site: ***Chapel Hill Subdivision - Stage 9***
Lots 6 and 7, Concession 3 Gloucester ON

Database: ***CA***

Certificate #:	7464-4TWJ5Q
Application Year:	01
Issue Date:	3/16/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Ave. West
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	This proposal is for the construction of a storm water managment facility to serve Chapel Hill Subdivision, Stage 9.
Contaminants:	
Emission Control:	

Site:
Lot 6, Concession 2 and 3 Ottawa ON

Database: ***CA***

Certificate #:	6816-54HQ5P
Application Year:	01
Issue Date:	11/16/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	KNL Developments Inc.
Client Address:	222 Somerset Street West, Suite 300
Client City:	Ottawa
Client Postal Code:	K2P 2G3
Project Description:	Sanitary Sewers including appurtenances from approximately 50m west of Ironside Court to the Goulbourn Forced Road to serve the Kanata Lakes Subdivision, City of Ottawa
Contaminants:	
Emission Control:	

Site:
Lot 6, Concession 2 and 3 Ottawa ON

Database: ***CA***

Certificate #:	5772-4W5M6D
Application Year:	01
Issue Date:	4/25/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	KNL Developments Inc.
Client Address:	222 Somerset Street West, Suite 300
Client City:	Ottawa

Client Postal Code: K2P 2G3
Project Description: Storm and sanitary sewers to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site:
Lot 6, Concession 2 and 3 Ottawa ON

Database: ***CA***

Certificate #: 1760-4W5ML6
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Watermains to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #: 0636-7KEL2F
Application Year: 2008
Issue Date: 11/19/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***1374421 Ontario Ltd.***
North Part of Lot 6, Concession III Ottawa ON

Database: ***CA***

Certificate #: 1907-62VS2P
Application Year: 2004
Issue Date: 7/21/2004
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: ***First Capital Asset Management ULC***
Part of Lot 6, Concession 2 Reference Plan 4R-22210 Ottawa ON

Database: ***CA***

Certificate #: 3855-7WYQYJ
Application Year: 2009
Issue Date: 10/20/2009
Approval Type: Air

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

Site: ***City of Ottawa***
Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON

Database: ***CA***

Certificate #: 5266-64SP8E
Application Year: 2004
Issue Date: 9/14/2004
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: ***Longwood Building Corporation***
Part of Lot 6, Between Concession 2 & 3 Ottawa ON

Database: ***CA***

Certificate #: 6229-6EQGQE
Application Year: 2005
Issue Date: 7/28/2005
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: ***1374421 Ontario Ltd.***
North Part of Lot 6, Concession III Ottawa ON

Database: ***CA***

Certificate #: 7248-6M3NHQ
Application Year: 2006
Issue Date: 2/17/2006
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: ***City of Ottawa***
Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON

Database: ***CA***

Certificate #: 9419-63DR5G
Application Year: 2004
Issue Date: 8/3/2004
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: ***Rideau Forest Development Ltd.***
Part of Lot 5, Concession 3, Geographic Township of Osgoode Ottawa ON

Database: ***CA***

Certificate #: 9805-6HWMA9
Application Year: 2005
Issue Date: 11/16/2005
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 CONSTRUCTION CHAPEL HILL EAST***
THORNECREST STREET GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-1642-86-
Application Year: 86
Issue Date: 10/22/1986
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***
INNES RD. SEWAGE PUMPING STAT. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0358-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 99-0164-0282
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 1/27/00
Charge Disposition: SUSPENDED SENTENCE
Fine: $425.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 99-0086-0115
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILED TO PROVIDE CERTAIN DOCUMENT WITH EACH VEHICLE CONTRAVENING A PROVISIONAL CERTIFICATE OF APPROVAL.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(3)
Act/Regulation/Section: EPA- -186(3)
Date of Offence:
Date of Conviction:

Date Charged: 3/15/00
Charge Disposition: SUSPENDED SENTENCE
Fine: $305.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 99-0165-0243
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 4/30/00
Charge Disposition: SUSPENDED SENTENCE
Fine: $325.00
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 99-0188-0235
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: TRANSPORTING LEACHATE WASTE FROM AN APPROVED WASTE DISPOSAL SITE WITHOUT THE GENERATOR, CARRIER AND/OR RECEIVER COMPLETING A MANIFEST.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 347
Section: 19(1) (A)

Act/Regulation/Section: EPA-347-19(1) (A)
Date of Offence:
Date of Conviction:
Date Charged: 7/19/01
Charge Disposition: SUSPENDED SENTENCE
Fine: $17,000.00
Synopsis:

Site: ***Taggart Construction Limited***
Ottawa ON

Database: ***CONV***

File No: 012802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:
Description: Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined $5,000 each, totalling $15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***CANADIAN WASTE SERVICES INC.***
ON

Database: ***CONV***

File No:
Crown Brief No: 99-0136-0187
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Location:
Region: EASTERN REGION
Ministry District: KINGSTON

Investigation 2:
Penalty Imposed:
Description: OPERATE A HEAVY DIESEL-FUELLED MOTOR VEHICLE THAT CONTRAVENES THE EMISSION STANDARDS.
Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date of Offence:
Date of Conviction:
Date Charged: 10/18/00
Charge Disposition: SUSPENDED SENTENCE
Fine: $425.00
Synopsis:

Site: ***Goulbourn-Stittsville Sanitation Limited***
Lot 6, Conc. 2 CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: IA7E1532
Ministry Ref No: ER-1145
Notice Type: Instrument Decision
Notice Stage:
Notice Date: January 02, 2009
Proposal Date: October 09, 1997
Year: 1997
Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Off Instrument Name:
Posted By:
Company Name: Goulbourn-Stittsville Sanitation Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 106 Westhunt Drive, Carp Ontario, K0A 1L0
Comment Period:
URL:

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

Site Location Details:

Lot 6, Conc. 2 CITY OF OTTAWA

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa Ontario Ottawa ON

Database: ***EBR***

EBR Registry No: IA07E0165
Ministry Ref No: 8556-6XWUA3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 09, 2008
Proposal Date: January 30, 2007
Year: 2007
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: Taggart Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3
Comment Period:

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

URL:

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: ***City of Ottawa***
Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	5266-64SP8E	***MOE District:***	
Approval Date:	2004-09-14	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Innes Rd., from Page Rd. to Tenth Line Rd.		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4858-64GKS5-14.pdf		

Site: ***City of Ottawa***
Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	9419-63DR5G	***MOE District:***	
Approval Date:	2004-08-03	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Innes Rd., from Page Rd. to Tenth Line Rd.		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5870-63CRN6-14.pdf		

Site: ***Taggart Construction Limited***
Mobile Facility Ottawa ON K1V 8Y3

Database: ***ECA***

Approval No:	0636-7KEL2F	***MOE District:***	
Approval Date:	2008-11-19	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Taggart Construction Limited		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf		

Site: ***City of Ottawa***
Innes Rd., from Page Rd. to Tenth Line Rd. Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	3734-63DRJL	***MOE District:***	
Approval Date:	2004-08-03	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Innes Rd., from Page Rd. to Tenth Line Rd.
Full Address:
Full PDF Link:

Site: ***Glenview Homes (Innes) Ltd***
0 Innes Road Ottawa ON K1C 1T1

Database: ***GEN***

Generator No: ON5672370
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

Site: ***Ottawa Hunt and Golf Club Limited***
Lot 5, Concession 2, Gloucester (Part: 1, Plan: 4R-7577), Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No: 010-2796
Ministry Ref No: 7076-7A2KW2
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 04, 2008
Proposal Date: February 14, 2008
Year: 2008
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ottawa Hunt and Golf Club Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1 Hunt Club Road, Ottawa Ontario, Canada K1V 1B9
Comment Period:
URL:

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

Site Location Details:

Lot 5, Concession 2, Gloucester (Part: 1, Plan: 4R-7577), Ottawa CITY OF OTTAWA

Site: ***Ottawa Hunt and Golf Club, Limited***
Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No: 013-2682
Ministry Ref No: 0641-AX8JAH
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 19, 2018
Proposal Date: March 27, 2018
Year: 2018
Instrument Type: Permit to Take Water - OWRA s. 34
Off Instrument Name:
Posted By:
Company Name: Ottawa Hunt and Golf Club, Limited(OWRA s. 34) - Permit to Take Water
Site Address:
Location Other:

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

Proponent Name: Ottawa Hunt and Golf Club, Limited
Proponent Address: 1 Hunt Club Road
Ottawa Ontario
Canada K1V 1B9
Comment Period:
URL: http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM0OTYz&statusId=MjA3Mzcy&language=en

Site Location Details:

Lot 5, Concession 2
City of Ottawa, Ontario
CITY OF OTTAWA

Site: ***Ottawa Hunt & Golf Club Limited*** ***Database:*** ***PTTW***
Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA ON

EBR Registry No:	IA05E0019	***Decision Posted:***	
Ministry Ref No:	ER-0608-67WSSP	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April 29, 2005	***Act 2:***	
Proposal Date:	January 07, 2005	***Site Location Map:***	
Year:	2005		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Ottawa Hunt & Golf Club Limited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1 Hunt Club Road, Ottawa Ontario, K1V 1B9		
Comment Period:			
URL:			

Site Location Details:

Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA

Site: ***City of Ottawa and Page Road Ottawa ON*** ***Database:*** ***SPL***

Ref No:	5674-9XVE8G	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	6/27/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Overflow/Surcharge	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	44	***Nearest Watercourse:***	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***Site Address:***	and Page Road
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:	Land; Surface Water	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	5031192
MOE Response:	N	***Easting:***	460088
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/27/2015	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Blockage	***Source Type:***	
Site Name:	Renaud Road <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: Ottawa manhole blockage, raw sewage to roadway/ditch
Contaminant Qty: 74 m^3

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 2020

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-Dec 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.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 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 -Dec 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-Nov 2020

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-Mar 31, 2021

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 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Mar 31, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Mar 31, 2021

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Mar 31, 2021

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-Jan 31, 2021

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, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Jan 2021

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.

Government Publication Date: Jul 31, 2020

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-Jan 31, 2021

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 2018

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: 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-Dec 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-Dec 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-Feb 28, 2021

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 2020

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-Mar 31, 2021

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Mar 31, 2021

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

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-Mar 31, 2021

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-Mar 2021

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-Dec 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.

Government Publication Date: 1988-Aug 2020

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, 2018

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 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Mar 31, 2021

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

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University
M.A.Sc., Environmental Engineering, 2013
B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)
NSERC Industry R&D Scholarship

EXPERIENCE

2018 – Present
Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015
Thurber Engineering Limited
Oil Sand Tailings Group
Tailings Engineer

2009 – 2014
Carleton University
Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009
SLR Consulting Limited
Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston
Remediation – National Capital Region, Saskatchewan
Multi-lift and dry-stacking pilot programs – Northern Alberta
Polymer amended oil sand tailings – Northern Alberta
Hydraulic cut-off wall – Allen, Saskatchewan
Cemented paste backfill systems – Northern Ontario

Mark S. D'Arcy, P. Eng.

patersongroup

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