PATERSON GROUP

Phase I Environmental Site Assessment

Vacant Land, 3700 Twin Falls Place

Ottawa, Ontario

Prepared for Riverside South Development Corporation

Report: PE5840-1
September 12, 2022

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Riverside South Development Corporation to conduct a Phase I Environmental Site Assessment (ESA) of a parcel of land located addressed 3700 Twin Falls Place in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the site.

The Phase I property was historically used for agricultural purposes and has never been developed. No PCAs were identified on-site during this assessment.

The surrounding land use has historically been agricultural with occasional farmsteads, and some newly constructed residential and institutional developments within the study area. Two PCAs were identified associated with the historical land use of neighbouring properties. Based on the information reviewed, the distance from the subject property, the age, and down-gradient orientation with respect to the subject site, the PCAs were not considered to have resulted in APECs on the subject site.

Based on the results of this Phase I Environmental Site Assessment, it is our opinion that **a Phase II Environmental Site Assessment is not required for the Phase I property**.

1.0 INTRODUCTION

At the request of Urbandale Corporation, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of a parcel of land address 3700 Twin Falls Place in Ottawa, Ontario (herein referred to as the Phase I property). The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I property.

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

This Phase I ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04, as amended, under the Environmental Protection Act and CSA Z768-01 (reaffirmed 2022). 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 PROPERTY INFORMATION

Address:	3700 Twin Falls Place, Ottawa
Legal Description:	Part of Lots 16, 17, and 18, Concession 1, Rideau Front Gloucester. Being parts 1 to 11 on plan 4R-8033.
Location:	The site is located on the west side of Limebank Road, approximately 250 meters south of Leitrim Road and north of Spratt Road in the City of Ottawa. Refer to Figure 1 - Key Plan in the Figures section following the text.
Latitude and Longitude:	45° 17’ 34" N, 75° 40' 51" W

Site Description:

Configuration:	Irregular
Area:	43.0 ha (approximately)
Zoning:	DR - Development Reserve Zone
Current Use:	Undeveloped (agricultural)
Services:	The site is not currently serviced but is located in an area being municipally serviced.

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 Phase I ESA Property and study area by conducting site reconnaissance;
- ❑ Conduct interviews with persons knowledgeable of current and historic operations on the Phase I ESA Property, and if warranted, neighbouring properties;
- ❑ Present the results of our findings in a comprehensive report in general accordance with the requirements O.Reg. 153/04 as amended under the Environmental Protection Act and CSA Z768-01 (reaffirmed 2022);
- ❑ 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 ESA study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the Phase I property, based on their significant distance from the site.

First Developed Use Determination

Based on the available sources, the Phase I property has never been developed. It has historically been used for agricultural purposes.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the site and surrounding area.

City of Ottawa Street Directories

City directories are not available for the site and surrounding area.

Chain of Title

Paterson did not request a Chain of Title for the site as it was determined that sufficient information was gathered from other sources, and a title search would not contribute to obtaining information about the environmental condition of the Phase I property.

Plan of Survey

Annis O'Sullivan Vollebekk Ltd. was retained to provide a current plan of survey. A copy of the document was provided to Paterson for the completion of this assessment.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically by Paterson in August 2022 and as part of the Environmental Risk Information System (ERIS) search. The Phase I property was not listed in the NPRI database, nor were records of pollutant releases listed in the database for properties within the Phase I study area. Please refer to the ERIS report provided in Appendix 2.

PCB Inventory

A search of provincial PCB waste storage sites was conducted. No PCB waste storage sites were identified on-site or within a 250 m radius of the Phase I property.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted electronically via the Ministry of Natural Resources and Forestry (MNRF) website. No areas of natural significance were identified on-site or within the Phase I study area.

MECP Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the subject property. The response identified no records with respect to the subject property. A copy of the correspondence is attached in the appendices of this report.

MECP Submission

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the property. The response identified no records with respect to the subject property. A copy of the correspondence is attached in the appendices of this report.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste managements records for the subject property. The response identified no

records with respect to the subject property. A copy of the correspondence is attached in the appendices of this report.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offenses, spills, discharges of contaminants, or inspections maintained by the MECP for the subject or neighbouring properties. The response identified no records with respect to the subject property. A copy of the correspondence is attached in the appendices of this report.

MECP Brownfields Environmental Site Registry (ESR)

A search of the MECP Brownfields environmental site registry was conducted electronically in August 2022. No records of site condition (RSCs) were listed in the database for the Phase I property or 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. No relevant records were identified within 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 coal gasification plants were identified within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted on August 23, 2022, to inquire about current and former underground/aboveground storage tanks, spills, and incidents for the Phase I property and the immediately adjacent properties. According to the TSSA response, the Phase I property and properties within the Phase I study area do not have records of fuel storage tanks. A copy of the correspondence can be found in Appendix 2. According to the ERIS report, dated dated August 25, 2022, there are no records for properties in the Phase I study area with the exception of one historic incident (HINC) which was identified in the

MECP Incident Reports section above. A copy of the ERIS report is provided 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 located within the Phase I study area.

City of Ottawa Historical Land Use Inventory (HLUI)

A request for information from the City’s Historical Land Use Inventory (HLUI) database for the Phase I property has been submitted to The City of Ottawa. A response from The City has not yet been received. A copy of the response will be forwarded to the client, should it contain any pertinent information.

Environmental Risk Information Services (ERIS) Report

As referenced previously, Paterson obtained a standard ERIS database report, dated August 25, 2022, for the Phase I property. The ERIS report provides environmental information for the requested property and neighbouring properties within the 250 m study area. ERIS provides information from federal and provincial databases, as well as private databases.

A total of fifty-nine (59) records from various databases were identified in the ERIS search within the 250 m search radius, which included Boreholes, Certificates of Approvals (CA), Environmental Registry (EBR), Abandoned Mine Information System (AMIS), Environmental Compliance Approvals (ECAs), ERIS Historical Searches (EHS), Fuel Storage Tank – Historic records, Non-Compliance Reports (NCPL), Ontario Regulation 347 Waste Generators, TSSA Historic Incidents (HINC), Permits to Take Water (PTTW), National PCB Inventory, Mineral Occurrences, Pipeline Incidents (PINC), Ontario Spills, and Water Well Information Systems (WWIS).

The ECAs pertain to air and municipal and private sewage works approvals. The PINC/HINC refers to an incident report describing a natural gas pipeline which was struck and not punctured. The WWIS records do not indicate any environmental concern to the subject site.

The AMIS and Mineral Occurrence reports refer to an abandoned mine located east of the subject site and now occupied by a high school. Limited information was available on the abandoned mine however, historical research indicates it operated as a shale quarry and was decommissioned prior to the earliest available aerial images. Based on the age, separation distance from the subject site, and

the primary commodity being shale stone, this PCA is not considered to have resulted in an APEC on the subject site. A copy of a record of the site is attached in the appendices of this report.

The ERIS report identified eight (8) waste generator sites within the Phase I study area. The sites are located in the plaza southwest of the intersection of Spratt Road and Limebank Road. The waste classes identified were solid non-hazardous, pathological, and petroleum based. The petroleum-based waste is generated by a commercial auto-body shop which signifies a potentially contaminating activity (PCA) within the Phase I study area. However, based on the separation distance of approximately 214 m, and the down-gradient orientation with respect to the subject site, it is not considered to result in an area of potential environmental concern (APEC) on the Phase I property. The waste generators identified in the ERIS report are not considered to pose an environmental concern to the subject site.

Previous Engineering Reports

It is our understanding that there are no previous environmental engineering reports related to the Phase I property.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the City of Ottawa's geoOttawa website were reviewed in approximate ten-year intervals beginning with the earliest available imagery. Based on the review, the following observations have been made:

1965 — The Phase I property appears to be agricultural land (i.e., undeveloped). Surrounding properties are primarily agricultural with a few neighbouring farmsteads. Due to limited aerial imagery, the western half of the site is not visible.

1976 — A residence has been built at civic address 4260 Limebank Road. This property is approximately 0.30 ha and bordered on all sides by the subject site. No significant changes are apparent on the subject site.

1991 — No significant changes are apparent on-site or within the study area.

2002 — A small structure (outbuilding) is present on the southeast corner of the unaddressed parcel of land, on the west side of Limebank Road.

	To the southwest of the site, a residential development project has begun. No other significant changes are apparent on-site or within the study area.
2011	The residence on the property at 4260 Limebank Road has been demolished. The outbuilding structure on the unaddressed property has also been removed. No apparent changes were made on the subject site. The farmsteads east of Limebank Road have been demolished. A high school is present on Spratt Road, east of Limebank Road. Limebank Road has been widened and some land clearing has occurred immediately south of the site. The residential development to the southwest has been completed.
2021	No significant changes are apparent on-site or within the study area.

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

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada - The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided, “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The site is in the Central St. Lawrence Lowland, “where the land is rarely more than 150 m above sea level, except for the Monteregian Hills, which consist of intrusive igneous rocks”.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada. The topographic maps indicate that the Phase I study area generally slopes towards Mosquito Creek which undulates along the southern border of the subject site. Regional topography generally slopes to the west, towards the Rideau River. An illustration of the referenced topographic map is present in Figure 2 - Topographic Map.

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 the information from NRCAN, bedrock in the area of the site consists of interbedded sandstone and dolomite of the March Formation. Based on the maps, the thickness of

overburden is anticipated to be 15 to 25 m and consists of offshore marine sediments made up of marine deposits clay and silt.

Water Well Records

The MECP well records webpage indicated nineteen (19) well records within the Phase I study area. No domestic well records were found within the boundaries of the subject site. The well records indicate they were generally installed for domestic use, with the exception of two (2) decommissioning records for existing potable wells. Well records were also identified by the ERIS report which is provided in Appendix 2. Copies of the MECP records have also been included in Appendix 2.

Water Bodies

A small tributary of the Rideau River named Mosquito Creek runs along the southern edge of the Phase I property. The creek enters the property in the southeast corner of the site and exits in the northwest corner. The next nearest significant body of water is the Rideau River, approximately 500 m west of the subject site.

5.0 INTERVIEWS

No persons familiar with the Phase I property were available for interviews during this assessment.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on August 23, 2022. Weather conditions at the time were clear, with a temperature of approximately 28°C. Personnel from the Paterson's Environmental Department conducted the site visit. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed during the site visit.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

There are currently no buildings on the subject site. Three transmission towers connected by high voltage transmissions lines connect across the site, starting

from the southeast corner and exiting through the northern property boundary. Municipal distribution lines run along the eastern property boundary.

Site Features

The Phase I property is generally agricultural land that is covered by long grasses, low-lying vegetation, and small trees. A fence runs along the property boundary adjacent to Limebank Road. A tree line bordering the tributary from the Rideau River defines the west and south border of the property.

The site topography is generally flat and at the grade of the adjacent properties and streets, though the elevation does decline towards Mosquito Creek along the south/west edge of the subject site. The regional topography slopes to the south and west, toward the Rideau River. Site drainage consists of infiltration.

No environmental concerns were observed on the Phase I property at the time of the site visit.

Subsurface Services and Utilities

Storm water and sanitary lines run along Limebank Road, but the Phase I property does not have municipal services. Well records indicate that a domestic well was placed approximately 25 m from the northern property boundary of the site.

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 site is as follows:

- ❒ North: Agricultural land, followed by Leitrim Road;
- ❒ South: Mosquito Creek followed by a residential subdivision and a retail shopping plaza;
- ❒ East: Limebank Road followed by agricultural and/or vacant land and institutional land use (mosque and school); and
- ❒ West: Partially treed undeveloped land followed by River Road.

Land use within the Phase I study area (250 m radius) is primarily used for agricultural purposes with some institutional, residential, and commercial land uses. One existing PCA was identified during the site visit. A commercial autobody shop addressed 4452 Limebank Road was identified in the plaza south of the subject site. Surrounding land use is shown on Drawing PE5840-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)

The Phase I property has never been developed. No PCAs or APECs were identified on-site. Properties in the study area have generally been used for agricultural, residential, and/or institutional purposes. Surrounding land use is shown on Drawing PE5840-2 Surrounding Land Use Plan.

Two off-site PCAs were identified during the historical review of the neighbouring properties. The first PCA is a decommissioned shale quarry formerly located at the northeast corner of Spratt Road and Limebank Road, and the second is an active commercial autobody shop in the plaza south of the subject site. The PCAs identified were not considered to have significant potential to impact the subject site and therefore did not result in APECs. The following table identifies the PCAs.

Table 1
Potentially Contaminating Activities (PCAs)

PCA	Location of PCA	APEC (Y/N)
Commercial Autobody Shop - Table 2 #10	South of subject site (214 m)	N
Mining, Smelting and Refining; Ore Processing; Tailing Storage - Table 2 #35	East of subject site (216 m)	N

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the information from NRCAN, bedrock in the area of the site consists of interbedded sandstone and dolomite of the March Formation. Based on the maps, the thickness of overburden is anticipated to be 15 to 25 m and consists of offshore marine sediments.

Areas of Natural Significance

There are no areas of natural significance on-site or within the Phase I study area.

Water Bodies

The Phase I property has a small tributary from the Rideau River named Mosquito Creek running through it. The creek enters the site in the southeast and generally follows the southern property boundary before exiting on the northwest of the site. The nearest significant body of water is the Rideau River, located approximately 500 m west of the Phase I property.

Drinking Water Wells

Generally, developed properties in the area are provided potable water by the municipality, however, it is possible that some properties to the north and northwest are still serviced by private wells. No domestic wells exist on the subject property. Copies of the well records are attached in the appendices of this report.

Existing Buildings and Structures

The Phase I property is undeveloped. High voltage power lines run through the site beginning from the southeast corner and exiting through the northern property boundary.

Subsurface Structures and Utilities

Storm water and sanitary lines run along Limebank Road, but the Phase I property does not have municipal services or any other apparent services. Well records indicate that a domestic well was placed approximately 25 m from the northern property boundary of the site in 2003.

Neighbouring Land Use

The current surrounding land use in the Phase I study area is generally vacant/undeveloped or agricultural, with some residential, commercial, and institutional land use. Land use is shown on Drawing PE5759-2 Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No PCAs or APECs were identified on the Phase I site. Two PCAs were identified within the Phase-I study area. Based on the separation distance between the identified PCAs and the subject site, they are not believed to represent significant concerns to the subject site and are not considered to have resulted in APECs on the subject-site.

Assessment of Uncertainty and/or Absence of Information

The information reviewed as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no potentially contaminating activities resulting in an area of potential environmental concern on the Phase I property. The presence/absence of potentially contaminating activities was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Riverside South Development Corporation to conduct a Phase I Environmental Site Assessment (ESA) of a parcel of land addressed 3700 Twin Falls Place in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the site.

The Phase I property was historically used for agricultural purposes and has never been developed. No PCAs were identified on-site during this assessment.

The surrounding land use has historically been agricultural with occasional farmsteads, and some newly constructed residential and institutional developments within the study area. Two PCAs were identified associated with the historical land use of neighbouring properties. Based on the information reviewed, the distance from the subject property, the age, and down-gradient orientation with respect to the subject site, the PCAs were not considered to have resulted in APECs on the subject site.

Based on the results of this Phase I Environmental Site Assessment, it is our opinion that **a Phase II Environmental Site Assessment is not required for the Phase I property**.

9.0 STATEMENT OF LIMITATIONS

This Phase I Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01 (re-affirmed 2022). 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 site and/or historical information that differs from our findings, we request that we are notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Riverside South Development Corporation. Permission and notification from the above-noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.

Curtis Black, M.Eng.

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

Report Distribution:

- Riverside South Development Corporation
- 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.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
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
Survey Plan

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5840-1 – SITE PLAN

DRAWING PE5840-2 – SURROUNDING LAND USE PLAN

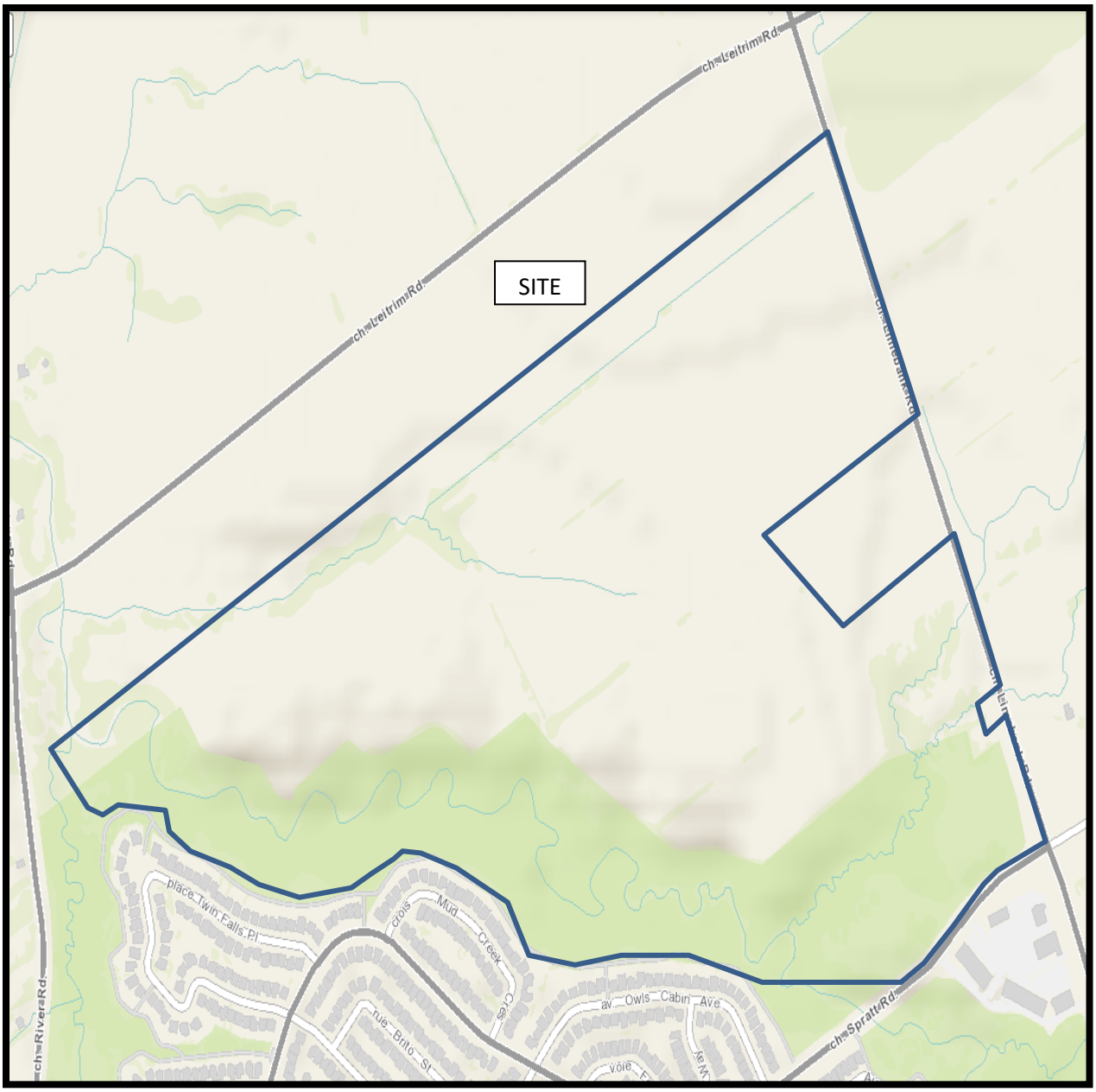


FIGURE 1

KEY PLAN

PATERSON GROUP

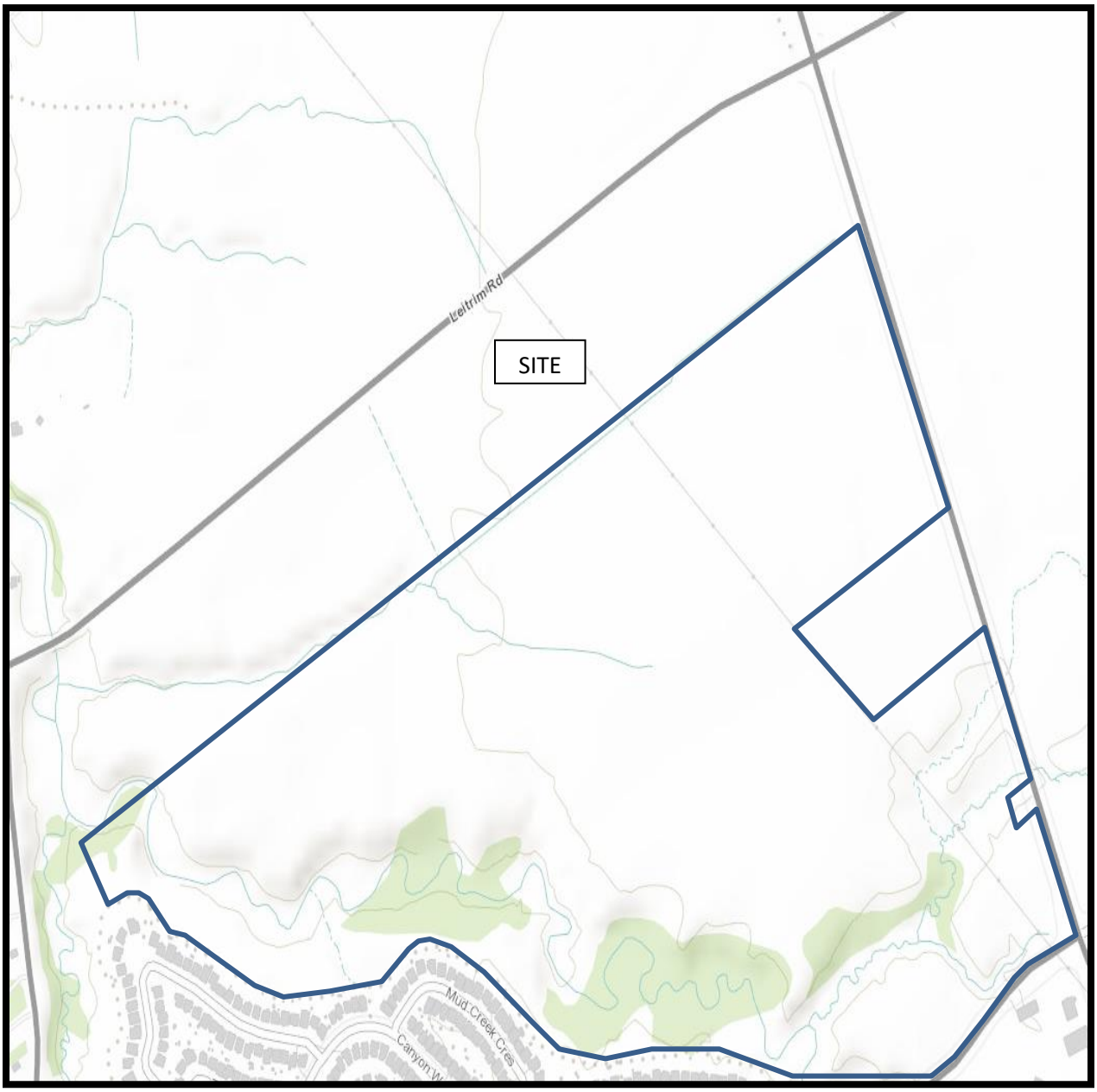
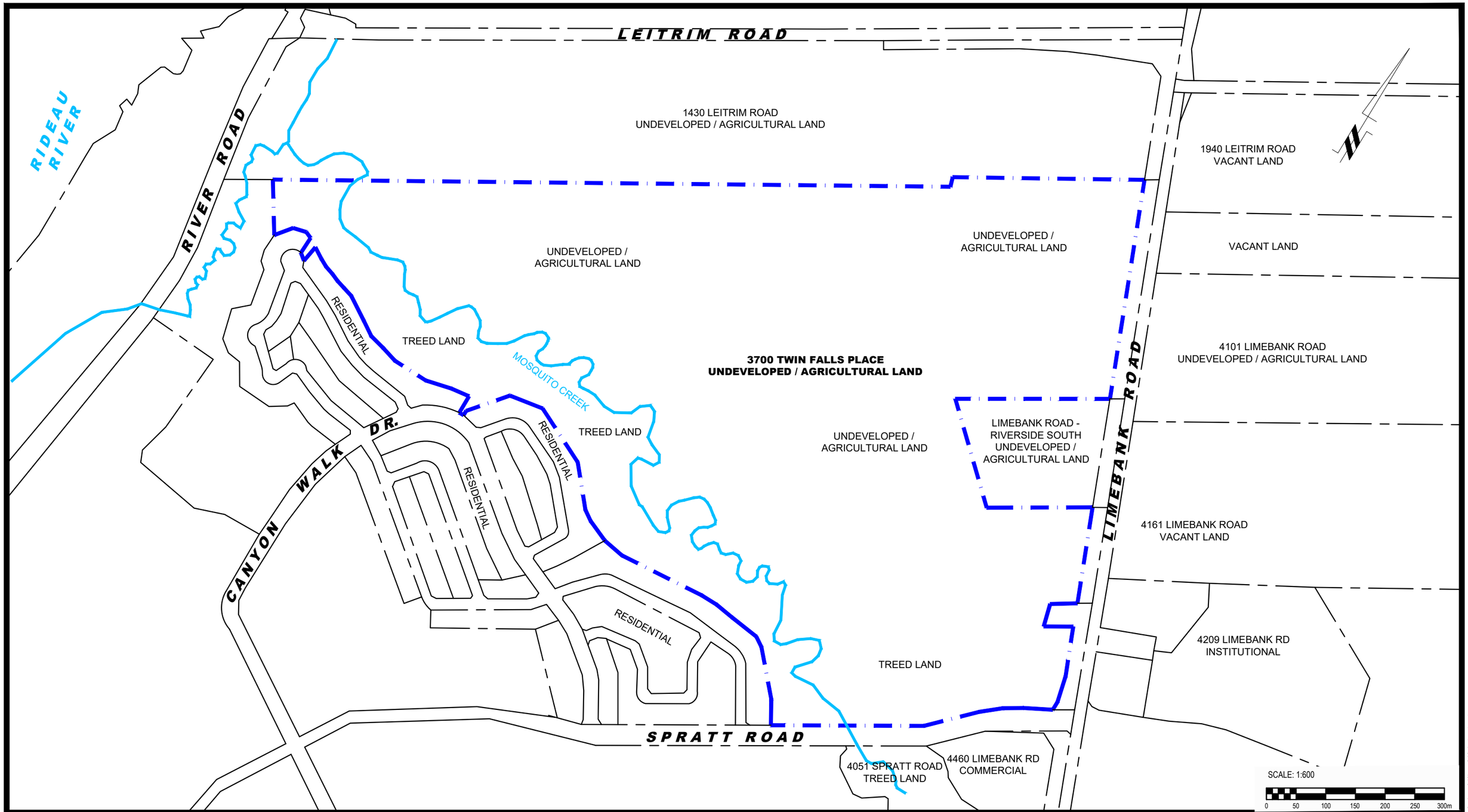


FIGURE 2

TOPOGRAPHIC MAP



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TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

RIVERSIDE SOUTH DEVELOPMENT CORPORATION

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3700 TWIN FALLS PLACE

GLOUCESTER, ONTARIO

Title:

SITE PLAN

Scale: 1:6000	**Date:** 08/2022
Drawn by: GK	**Report No.:** PE5840-1
Checked by: CB	**Dwg. No.:** PE5840-1
Approved by: MSD	**Revision No.:**

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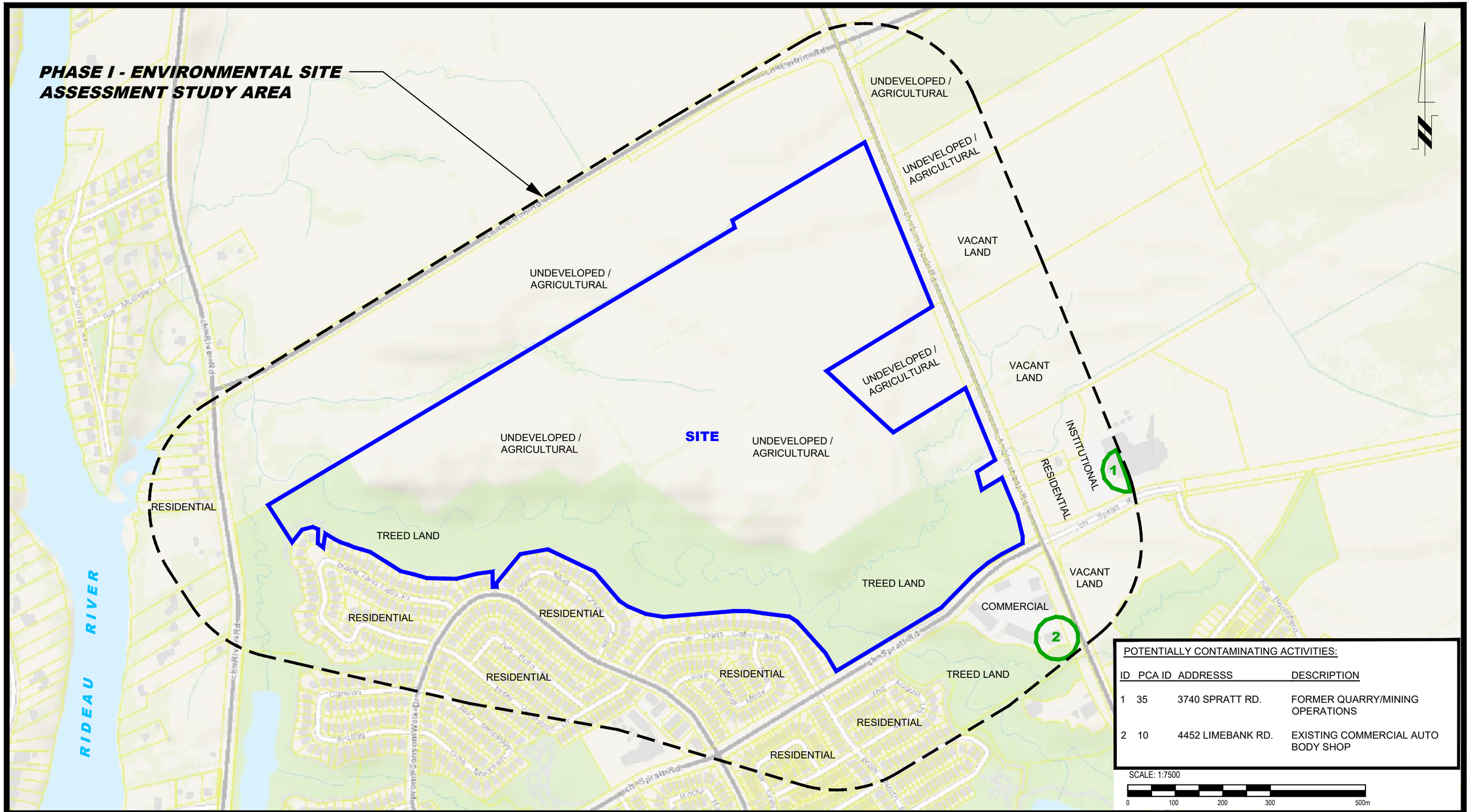
11x17



POTENTIALLY CONTAMINATING ACTIVITIES:

ID	PCA ID	ADDRESSS	DESCRIPTION
1	35	3740 SPRATT RD.	FORMER QUARRY/MINING OPERATIONS
2	10	4452 LIMEBANK RD.	EXISTING COMMERCIAL AUTO BODY SHOP

SCALE: 1:7500

0 100 200 300 500m

PATERSON GROUP
9 AURIGA DRIVE
OTTAWA, ON
K2E 7S9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

RIVERSIDE SOUTH DEVELOPMENT CORPORATION

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3700 TWIN FALLS PLACE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:7500	Date: 08/2022
Drawn by: GK	Report No.: PE5840-1
Checked by: CB	Dwg. No.: PE5840-2
Approved by: MSD	Revision No.:

11x17

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APPENDIX 1

AERIAL PHOTOGRAPHS

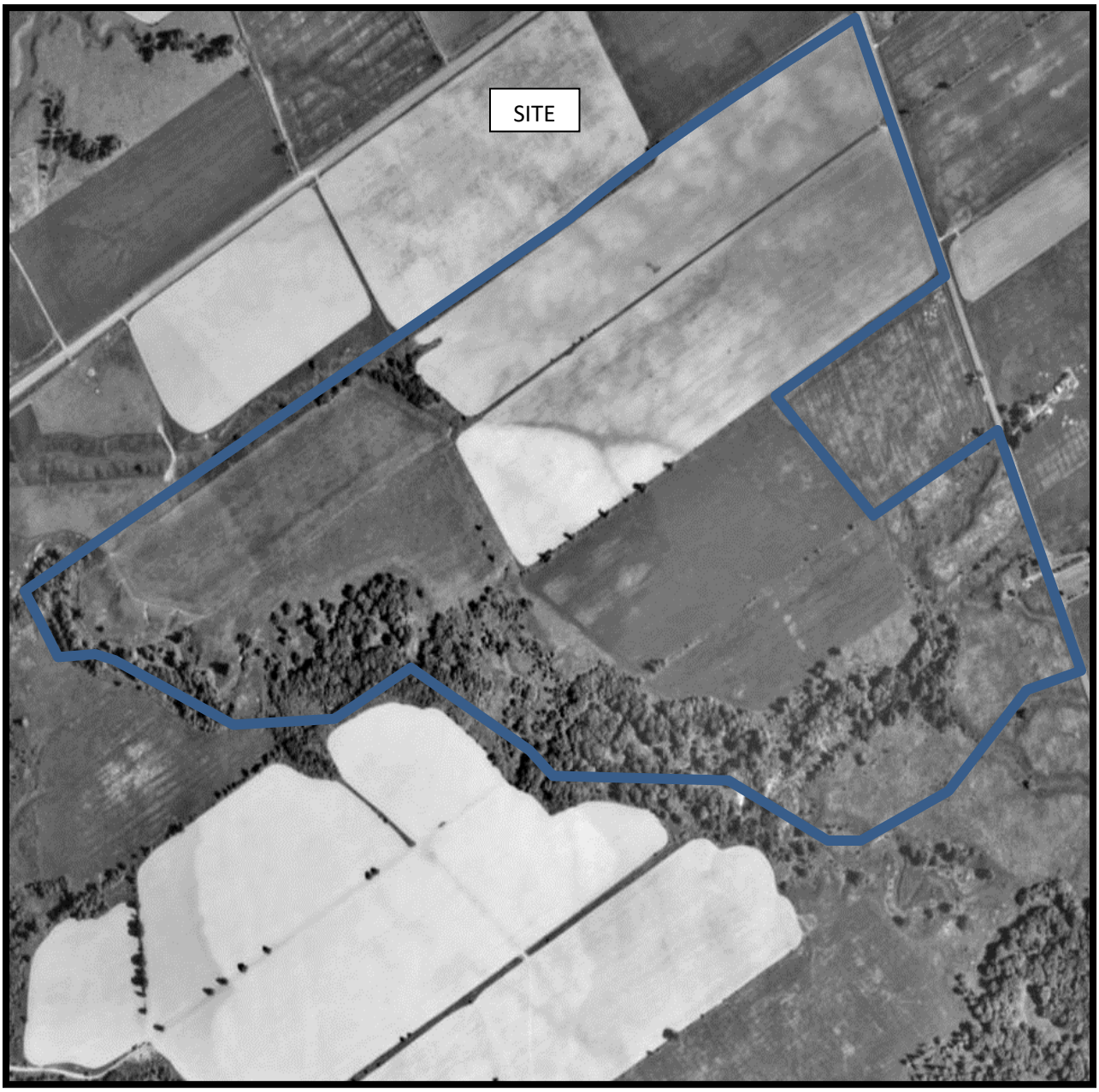
SITE PHOTOGRAPHS

AERIAL PHOTOGRAPH
1965

PATERSON GROUP

AERIAL PHOTOGRAPH
1976

PATERSON GROUP



AERIAL PHOTOGRAPH
1991

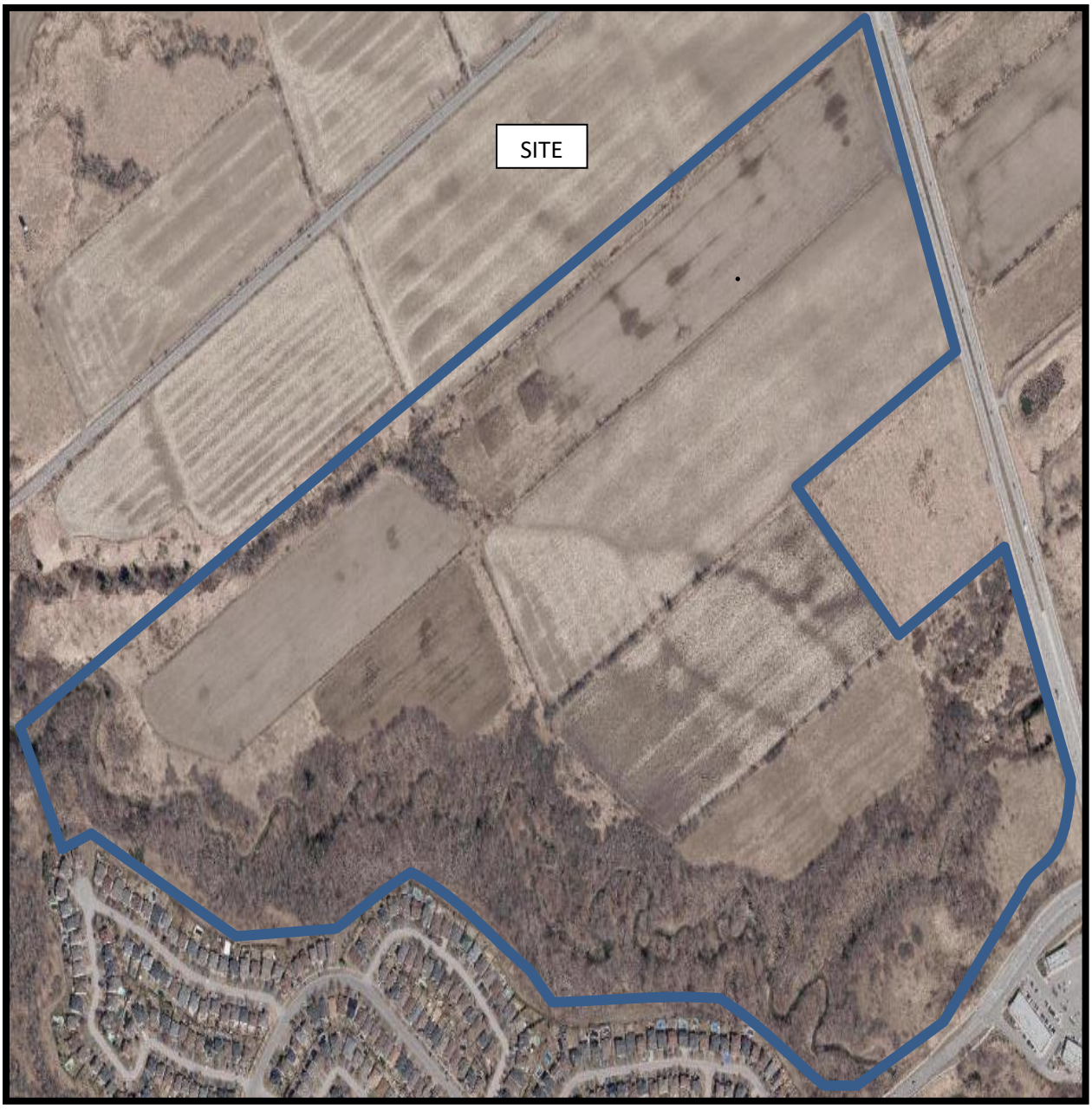
PATERSON GROUP

AERIAL PHOTOGRAPH
2002

PATERSON GROUP

AERIAL PHOTOGRAPH
2011

PATERSON GROUP



AERIAL PHOTOGRAPH
2021

PATERSON GROUP

Site Photographs

PE5840 3700 Twin Falls Place, Ottawa ON September 12, 2022

Photograph 1: View of the site, facing south from Leitrim Road.

Photograph 2: View of the east side of the subject site, facing southeast from Limebank Road.

APPENDIX 2

MECP ENVIRONMENTAL PROPERTY INFORMATION

MECP WELL RECORDS

TSSA RESPONSE

HLUI APPLICATION

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

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

Ontario

September 9, 2022

Curtis Black
Paterson Group
9 Auriga Drive
Ottawa, Ontario K2E 7T9
cblack@patersongroup.ca

Dear Curtis Black:

RE: **MECP FOI A-2022-06420, Your Reference PE5840 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 3700 Twin Falls Place (Lot 17, Concession1), Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Sector Enforcement Branch (formerly Environmental Investigations and Enforcement Branch and Sector Compliance Branch) and Safe Drinking Water Branch, no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at http://www.ipc.on.ca. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Spyros Ioannou at 416-419-6359 or spyros.ioannou2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office

Ontario Ministry of the Environment

Well Tag Number (Place sticker and print number below)

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

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- 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

[redacted]

Address of Well Location (County/District/Municipality): Ottawa Region

Township: Ottawa Region

Lot: ?

Concession: ?

RR#/Street Number/Name: 4209 Limebank Rd

City/Town/Village: Ottawa

Site/Compartment/Block/Tract etc.

GPS Reading — NAD: 83 | Zone: 18 | Easting: 447234 | Northing: 5015606

Unit Make/Model: Sportstack

Mode of Operation: NAD

☐ 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
Abandone	Stone	Dug well			

Hole Diameter

Depth From	Depth To	Diameter Centimetres
0	7.62	121.92

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
Casing				
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
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	6.75	Clean Clay	5 c.m
6.75	7.62	Benseal Hole plug Bentonite	8 Bag

Method of Construction

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

Water Use

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

Final Status of Well

☐ Water Supply ☐ Recharge well ☐ Unfinished ☒ Abandoned, (Other) not in use
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Well Contractor/Technician Information

Name of Well Contractor: Raymond Pump + well — Well Contractor's Licence No.: 7260

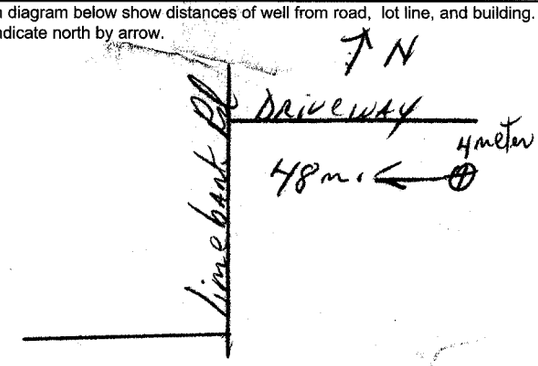
Business Address (street name, number, city etc.): 147 main st. St. Albert Ont.

Name of Well Technician (last name, first name): Jacques Raymond — Well Technician's Licence No.: T-0264

Signature of Technician/Contractor: X [signature] — Date Submitted YYYY MM DD: 2006 12 18

Location of Well

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



Audit No. Z 52538

Date Well Completed YYYY MM DD: 2006 11 24

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

Date Delivered YYYY MM DD: 2006 11 24

Ministry Use Only

Data Source

Contractor: 7260

Date Received YYYY MM DD: JAN 25 2007

Date of Inspection YYYY MM DD

Remarks

Well Record Number

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

Cette formule est disponible en français

Ontario Ministry of the Environment

Well Tag Number (Place sticker and print number below)

Well Abandonment

Well Record

Regulation 903 Ontario Water Resources Act

page 1 of 1

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- 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	City/Town/Village	Site/Compartment/Block/Tract etc.
4269 Limebank Road	Ottawa, Ont	

GPS Reading	NAD	Zone	Easting	Northing	Unit Make/Model	Mode of Operation:
	83	17	07540463	4511741 31		☐ Undifferentiated ☐ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth Metres From	Depth Metres To

Hole Diameter

Depth Metres From	Depth Metres To	Diameter Centimetres
0	7	20

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 Metres From	Depth Metres To
Casing				
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
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)

Method of Construction

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

Water Use

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

Final Status of Well

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

Well Contractor/Technician Information

Name of Well Contractor	Well Contractor's Licence No.
Marathon Drilling Co Ltd	6894

Business Address (street name, number, city etc.): 2501 Delzotto Ave Ottawa, Ont. K1T 3V6

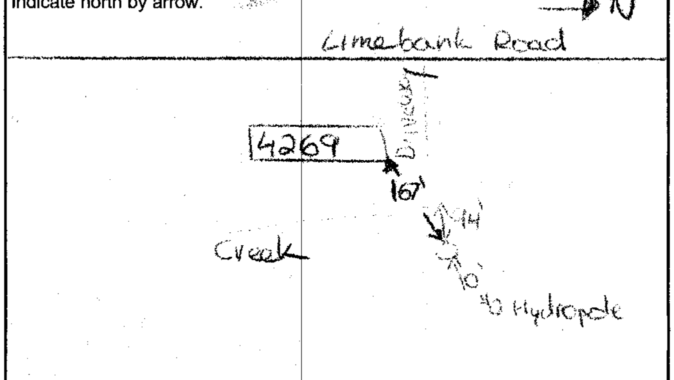
Name of Well Technician (last name, first name)	Well Technician's Licence No.
Charley Young	

Signature of Technician/Contractor: X [signature]

Date Submitted YYYY MM DD: 2006 04 27

Location of Well

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



Audit No. Z 45501

Date Well Completed YYYY MM DD: 2006 04 27

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

Date Delivered YYYY MM DD

Ministry Use Only	
Data Source	Contractor 6894
Date Received JUN 0 6 2006	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*

Ontario | Ministry of the Environment

Well T A019567 (number below)

A019567

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

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- 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]

Address of Well Location (County/District/Municipality): Ottawa/Carleton | Gloucester | Part of Lot 19 Part of Plan-5R-4171

RR#/Street Number/Name: 4269 Limebank Road | City/Town/Village: Gloucester | Site/Compartment/Block/Tract etc.:

GPS Reading | NAD: 83 | Zone: 18 | Easting: 447345 | Northing: 5015411 | Unit Make/Model: Garmin | 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
Brown	Clay		Packed	0	8.53
Grey	Clay		Soft	8.53	13.70
Grey	Clay	Gravel	Packed Soft	13.70	17.07
Grey	Limestone		Hard	17.07	49.99
Grey	Sandstone		Hard	49.99	58.52

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	18.44	25.08
18.44	58.52	15.55

Water Record

Water found at Metres: 55.46 m ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas ☐ Other: / ___ m ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas ☐ Other: / ___ m ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas ☐ Other:

Kind of Water

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				
15.88	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	0	18.44
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
	☒ Open hole		18.44	58.52

Test of Well Yield

Pumping test method: Sub mersible

Pump intake set at - (metres): 150

Pumping rate - (litres/min): 45

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping: 3.745 metres

Recommended pump type: ☐ Shallow ☒ Deep

Recommended pump depth: 40 metres

Recommended pump rate: 45 (litres/min)

If flowing give rate - (litres/min)

If pumping discontinued, give reason.

	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Static Level		3.49		3.745
1	1	3.85	1	3.35
2	2	3.81	2	3.33
3	3	3.77	3	3.31
4	4	3.74	4	3.30
5	5	3.72	5	3.30
10	10	3.69	10	
15	15	3.695	15	
20	20	3.70	20	
25	25	3.705	25	
30	30	3.715	30	
40	40	3.73	40	
50	50	3.735	50	
60	60	3.745	60	3.30

Plugging and Sealing Record ☒ Annular space ☐ Abandonment

Depth set at - From	Depth set at - To (Metres)	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
18.44	0	Bentonite Pressure Grouted	1.139

Method of Construction

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

Water Use

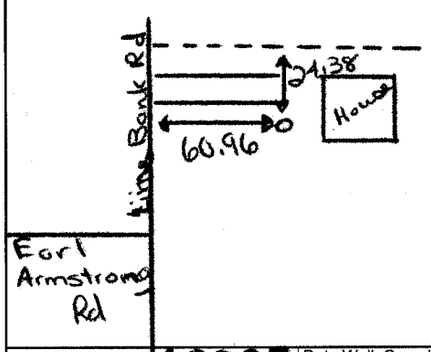
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

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

Location of Well

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



Audit No. Z 19837

Date Well Completed: YYYY 2005 MM 03 DD 15

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

Date Delivered: YYYY 2005 MM 03 DD 22

Well Contractor/Technician Information

Name of Well Contractor: Splash Well Drilling | Well Contractor's Licence No.: 4877

Business Address (street name, number, city etc.): P.O. BOX 1083 Prescott

Name of Well Technician (last name, first name): Ferguson, Todd | Well Technician's Licence No.: T478

Signature of Technician/Contractor: Todd Ferguson | Date Submitted: YYYY 2005 MM 03 DD 30

Ministry Use Only

Data Source | Contractor: 4877

Date Received: YYYY MM DD MAY 26 2005 | Date of Inspection: YYYY MM DD

Remarks | Well Record Number

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

Cette formule est disponible en français

Ontario **Ministry of Environment and Energy**

The Ontario Water Resources Act
WATER WELL RECORD

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11 — **1533861**

Municipality 15002 — Con. RF — 01

County or District [redacted] — Township/Borough/City/Town/Village Clarence Cr — Con block tract survey, etc. 1 — Lot wpt 16

Address of Well Location 528 River Rd Ottawa Ont — Date completed 24/06/03 (day month year)

21 — UTM Zone — Easting — Northing — RC — Elevation — RC — Basin Code — ii — iii — iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet From	Depth - feet To
Brown	Clay		Dense	0	16
Grey	"		"	16	45
Grey	Gravel Sand Boulders		Packed	45	87
White	Sand Stone		Hard	87	112

31 — 32

41 WATER RECORD

Water found at - feet	Kind of water
100	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☑ Minerals 6 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
8 3/4	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☑ Open hole 5 ☐ Plastic		0	87
6 4/4	1 ☑ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	1.88	+2	87
6"	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☑ Open hole 5 ☐ Plastic		87	112

SCREEN

Sizes of opening (Slot No.)	Diameter inches	Length feet

Material and type — Depth at top of screen feet

61 PLUGGING & SEALING RECORD

☑ Annular space ☐ Abandonment

Depth set at - feet From	Depth set at - feet To	Material and type (Cement grout, bentonite, etc.)
0	60	Cement grout

PUMPING TEST

71 — Pumping test method: 1 ☐ Pump 2 ☐ Bailer — Pumping rate 14 GPM — Duration of pumping 1 Hours 0 Mins

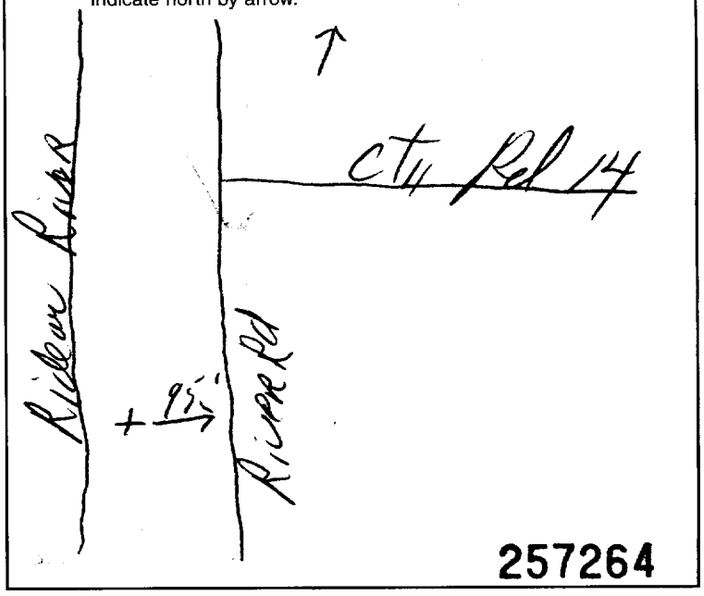
Static level	Water level end of pumping	Water levels during: 1 ☐ Pumping 2 ☑ Recovery			
		15 minutes	30 minutes	45 minutes	60 minutes
35 feet	112 feet	50 feet	45 feet	40 feet	35 feet

If flowing give rate — GPM — Pump intake set at 112 feet — Water at end of test: ☐ Clear ☑ Cloudy

Recommended pump type: ☐ Shallow ☑ Deep — Recommended pump setting 100 feet — Recommended pump rate 10 GPM

LOCATION OF WELL

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



257264

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 ☐ Abandoned (Other) 8 ☐ Dewatering 9 ☐ Unfinished 10 ☐ Replacement well

WATER USE

1 ☑ Domestic 2 ☐ Stock 3 ☐ Irrigation 4 ☐ Industrial 5 ☐ Commercial 6 ☐ Municipal 7 ☐ Public supply 8 ☐ Cooling & air conditioning 9 ☐ Not use 10 ☐ Other

METHOD OF CONSTRUCTION

1 ☐ Cable tool 2 ☐ Rotary (conventional) 3 ☐ Rotary (reverse) 4 ☑ Rotary (air) 5 ☐ Air percussion 6 ☐ Boring 7 ☐ Diamond 8 ☐ Jetting 9 ☐ Driving 10 ☐ Digging 11 ☐ Other

Name of Well Contractor: Gilles Bourgeois Ltd — Well Contractor's Licence No. 1414

Address: St-Albert Ont

Name of Well Technician: Jacques Raymond — Well Technician's Licence No. T-0264

Signature of Technician/Contractor — Submission date 24/06/03 (day mo yr)

MINISTRY USE ONLY

Data source — Contractor 1414 — Date received JUL 08 2003

Date of inspection — Inspector

Remarks: CSS.ES3

2 - MINISTRY OF ENVIRONMENT AND ENERGY COPY

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 | 1528441 | MUNICIP. 15002 | CON. RF

COUNTY OR DISTRICT: [redacted]
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Gloucester
CON, BLOCK, TRACT, SURVEY, ETC.: Con. I, R.F.
LOT: 17
ADDRESS: 4140 River Rd Gloucester K1G 3N3
DATE COMPLETED: DAY 11 MO 2 YR 95
UTM ZONE | NORTHING | RC | ELEVATION | RC | BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
grey	clay			0	65
grey	hardpan	stones		65	75
grey	broken rock			75	79
grey	limestone			79	85
grey white	sandstone			85	123

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
95	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS — Not Tested
117	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	84
6	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☑ OPEN HOLE 5 ☐ PLASTIC		84	123
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

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.)
0	84	cement grouted

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP (Air) 2 ☐ BAILER	8 GPM	1 HOURS 0 MINS

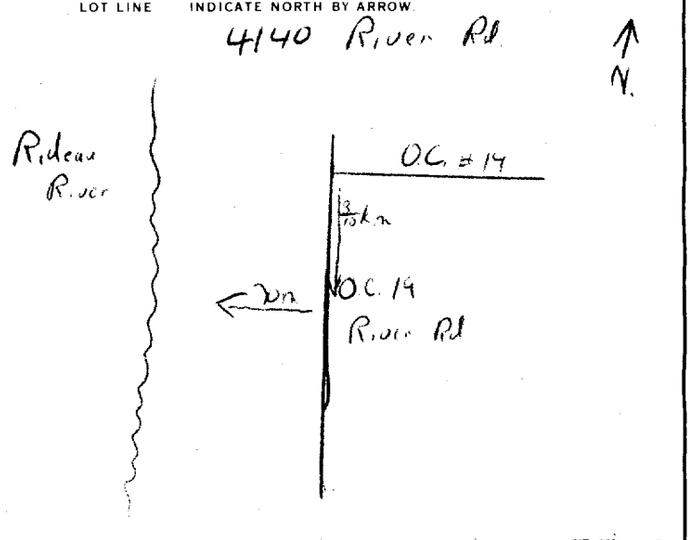
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☐ RECOVERY)	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
30 FEET	100 FEET		44 FEET	32 FEET	30 FEET	30 FEET

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

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☑ DEEP	100 FEET	8 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 137533

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 ☐ DEWATERING

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 CONSTRUCTION

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

CONTRACTOR

NAME OF WELL CONTRACTOR: H. Mains Well Drilling | WELL CONTRACTOR'S LICENCE NUMBER: 6761
ADDRESS: Box 326, Richmond Ont K0A 2Z0
NAME OF WELL TECHNICIAN: Henry Mains | WELL TECHNICIAN'S LICENCE NUMBER: T-0064
SIGNATURE OF TECHNICIAN/CONTRACTOR: Henry Mains | SUBMISSION DATE: DAY 28 MO 2 YR 95

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR: 6761 | DATE RECEIVED: MAR 13 1995
DATE OF INSPECTION | INSPECTOR
REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 1528440 MUNICIP 15002 CON. RF

COUNTY OR DISTRICT [redacted] | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Gloucester | CON. BLOCK, TRACT, SURVEY, ETC Con. 1, R.F | LOT 17

[redacted] 40 River Rd. Gloucester K1G 3N3 | DATE COMPLETED DAY 11 MO 2 YR 95

HHING | RC | ELEVATION | RC | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
	plug existing well				
grey	fill	cement cap. 2'		0	10
	3/4" hole plug			10	33
	sanitized pea gravel			33	58

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (14)
15-18	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (19)
20-23	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (24)
25-28	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (29)
30-33	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (34) (30)

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
10-11	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (12)			13-16
17-18	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (19)			20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (26)			27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.) 31-33	DIAMETER 34-38 INCHES	LENGTH 39-40 FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN 41-44 FEET	30

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10 (10-13)	33 (14-17)	3/4" hole plug
33 (18-21)	58 (22-25)	sanitized pea gravel
26-29	30-33	80

71 PUMPING TEST

PUMPING TEST METHOD (10) 1 ☐ PUMP 2 ☐ BAILER	PUMPING RATE (11-14) GPM	DURATION OF PUMPING (15-16) HOURS (17-18) MINS

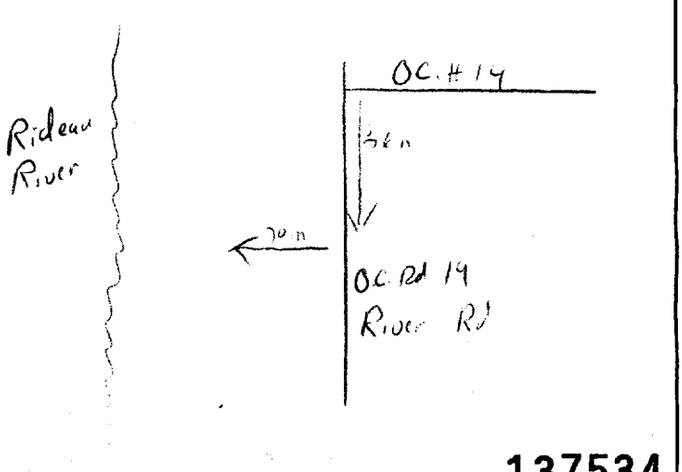
STATIC LEVEL	WATER LEVEL END OF PUMPING	(25) WATER LEVELS DURING 1 ☐ PUMPING 2 ☐ RECOVERY			
		15 MINUTES (26-28)	30 MINUTES (29-31)	45 MINUTES (32-34)	60 MINUTES (35-37)
(19-21) FEET	(22-24) FEET	FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE (38-41) GPM	PUMP INTAKE SET AT FEET	WATER AT END OF TEST (42) 1 ☐ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE ☐ SHALLOW ☐ DEEP	RECOMMENDED PUMP SETTING (43-45) FEET	RECOMMENDED PUMPING RATE (46-49) GPM

(50-53)

LOCATION OF WELL

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



DRILLERS REMARKS 137534

FINAL STATUS OF WELL (54)

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

WATER USE (55-56)

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 CONSTRUCTION (57)

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

CONTRACTOR

NAME OF WELL CONTRACTOR: Ed. Mains Well Drilling | WELL CONTRACTOR'S LICENCE NUMBER: 6761

ADDRESS: Box 326, Richmond Ont. K0A 2Z0

NAME OF WELL TECHNICIAN: Henry Mains | WELL TECHNICIAN'S LICENCE NUMBER: T-8864

SIGNATURE OF TECHNICIAN/CONTRACTOR: Henry Mains | SUBMISSION DATE DAY 3 MO. 3 YR. 95

OFFICE USE ONLY

DATA SOURCE (58) | CONTRACTOR (59-62) 6761 | DATE RECEIVED (63-68) MAR 13 1995 (80)

DATE OF INSPECTION | INSPECTOR

REMARKS: COULD NOT LOCATE ORIGINAL W.W. RECORD. MARCH 14/95. AS.

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 — 1519298 — MUNICIP. (10-14) — CON. (15-22, 23-24)

COUNTY OR DISTRICT: Carleton
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Gloucester
CON., BLOCK, TRACT, SURVEY, ETC.: Con 1, R.F.
LOT (25-27): 17
OWN: [redacted]
ADDRESS:
DATE COMPLETED (48-53): DAY ____ MO ____ YR 84

21 — UTM (10-12) — NORTHING (13-17) — EASTING (18-24) — RC. (25) — ELEVATION (26-29) — BC. (30) — BASIN CODE (31-47): II III IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO

31 — 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 ☐ FRESH 3 ☐ SULPHUR 14; 2 ☐ SALTY 4 ☐ MINERAL
15-18	1 ☐ FRESH 3 ☐ SULPHUR 19; 2 ☐ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 24; 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 29; 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 34; 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
10-11	1 ☐ STEEL 12; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			13-16
17-18	1 ☐ STEEL 19; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			20-23
24-25	1 ☐ STEEL 26; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.) 31-33	DIAMETER 34-38 INCHES	LENGTH 39-40 FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN 41-44 FEET	80

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	80

71 PUMPING TEST

PUMPING TEST METHOD 10	PUMPING RATE 11-14 GPM	DURATION OF PUMPING 15-16 HOURS 17-18 MINS
1 ☒ PUMP 2 ☐ BAILER	8	1 0

STATIC LEVEL	WATER LEVEL END OF PUMPING	25 WATER LEVELS DURING	1 ☐ PUMPING 2 ☐ RECOVERY
19-21: 15 FEET	22-24: 25 FEET		

15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
26-28: 25 FEET	29-31: 25 FEET	32-34: 25 FEET	35-37: 25 FEET

IF FLOWING, GIVE RATE 38-41 GPM	PUMP INTAKE SET AT FEET	WATER AT END OF TEST 42: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP	RECOMMENDED PUMP SETTING 43-45: 30 FEET	RECOMMENDED PUMPING RATE 46-49: 10 GPM

50-53

54 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

55-56 WATER USE

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

57 METHOD OF DRILLING

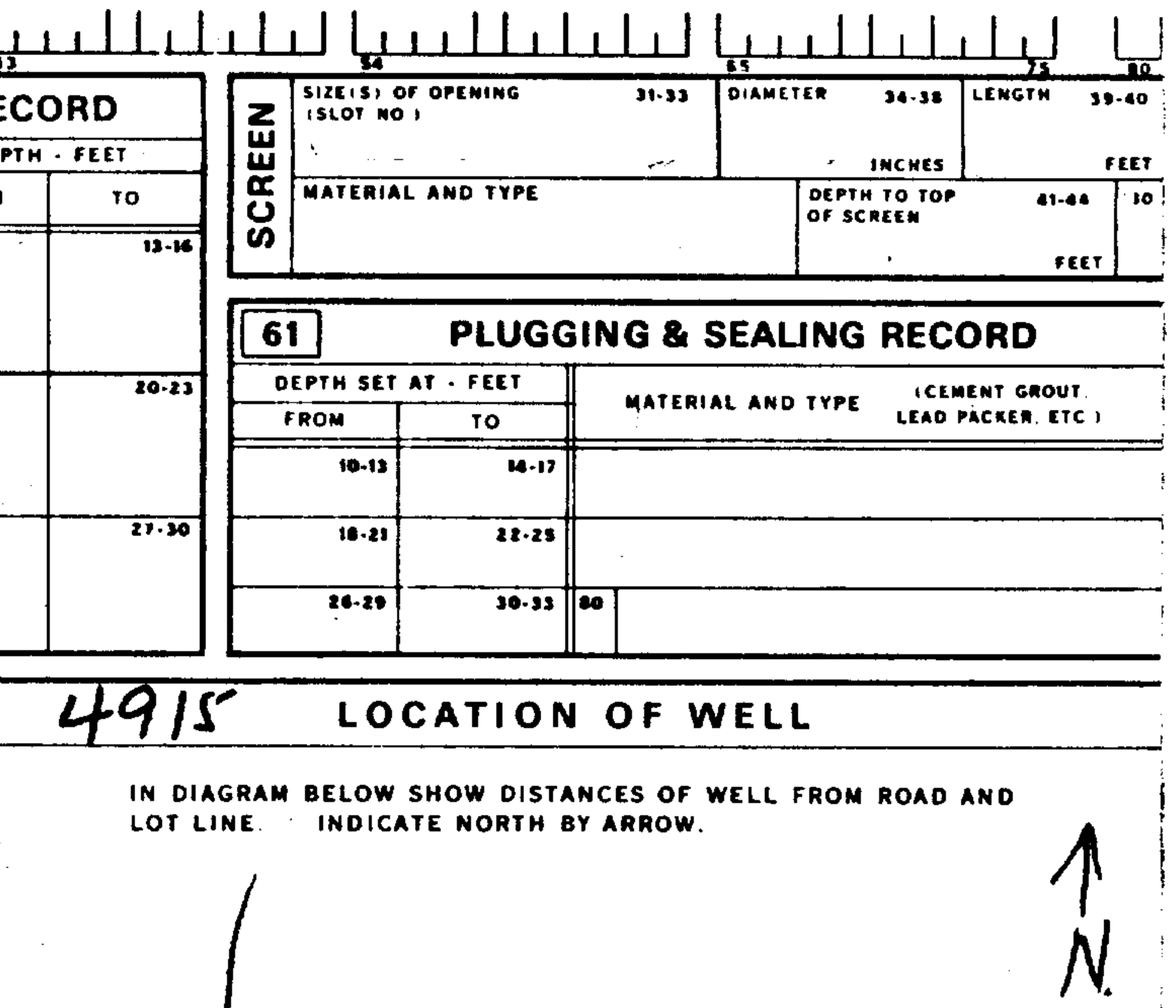
1 ☐ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Kenny Mario Well Drilling — LICENCE NUMBER: 3644
ADDRESS: Box 326, Richmond Ont.
NAME OF DRILLER OR BORER: [signature] — LICENCE NUMBER:
SIGNATURE OF CONTRACTOR:
SUBMISSION DATE: DAY 6 MO. 10 YR. 84

4915 LOCATION OF WELL

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



DRILLERS REMARKS:

OFFICE USE ONLY

DATA SOURCE 58 | CONTRACTOR 59-62 | DATE RECEIVED 63-68: 25 10 84 | 80
DATE OF INSPECTION | INSPECTOR
REMARKS

FORM NO. 0506—4—77 FORM 7

316/56. "C"

UTM 18 Z 4 4 1 5 5 8 6 0 E
5 R 5 0 1 1 5 0 6 0 N
Elev. 4 R 0 2 8 5 — Rideau front
Basin 2 5 — CON-I
LOT-16

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

No. 1668

X

Water-Well Record

County or Territorial District Carleton Township, Village, Town or City Gloucester
[redacted] Village, Town or City)
[redacted] ddress Billings Bridge
[redacted]
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Static level	6 feet
Length(s)	84 feet	Pumping rate	166 gal
Type of screen		Pumping level	15 feet
Length of screen		Duration of test	30 min

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Red clay	0	40	70	64	fresh
Sand Hardpan	40	70			
Coarse gravel	70	84			

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

Is water clear or cloudy? Clear

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

Drilling firm

Address

Name of Driller James Kettles

Address Ramsayville

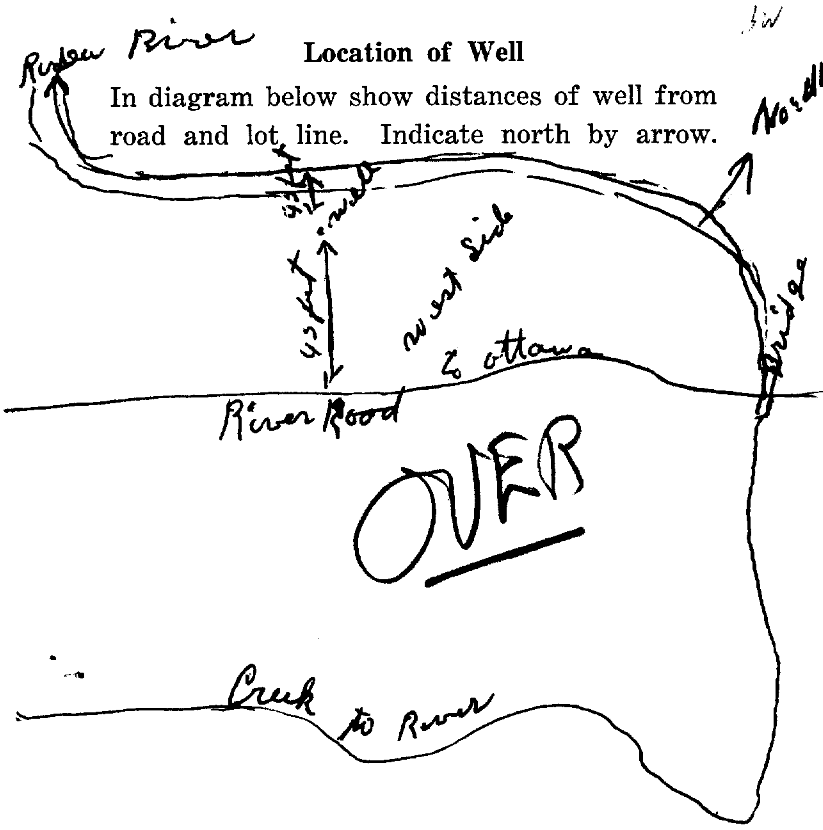
Licence Number 637

I certify that the foregoing statements of fact are true.

Date July 7 James Kettles
Signature of Licensee

Location of Well

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



Form 5

316/56. "C"

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

| 5 | R | 5 | 0 | 1 | 5 | 2 | 7 | 0 | N

Elev. | 4 | R | 0 | 2 | 7 | 8 |

Basin | 2 | 5 |

WATER RESOURCES DIVISION
MAY 17 1966
ONTARIO WATER RESOURCES COMMISSION

15 № 289

The Ontario Water Resources Commission Act

WATER WELL RECORD

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

Con. 1 ~~BF~~ RF Lot 16 Date completed 19th (day) April (month) 1966 (year)

[redacted]dress Box 326 - R.R. 5, Ottawa, Ont. (River road)

Casing and Screen Record

Inside diameter of casing 6 3/16

Total length of casing 90'

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 6 3/16

Pumping Test

Static level 25

Test-pumping rate 500 GPH ~~GPM~~

Pumping level 50

Duration of test pumping 1 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 450 GPH ~~GPM~~

with pump setting of 80 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)
clay	0	70	92	sulphur
boulders	70	85		
gravel	85	92		

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

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

Drilling or Boring Firm J.B. DUFRESNE & CO. LIMITED

Address 1014 Maitland Ave., Ottawa 5, Ont.

Licence Number 2030

Name of Driller or Borer W. Roy

Address 79 St.Jean Baptiste, Deschesnes, P.Q.

Date April 19th 1966

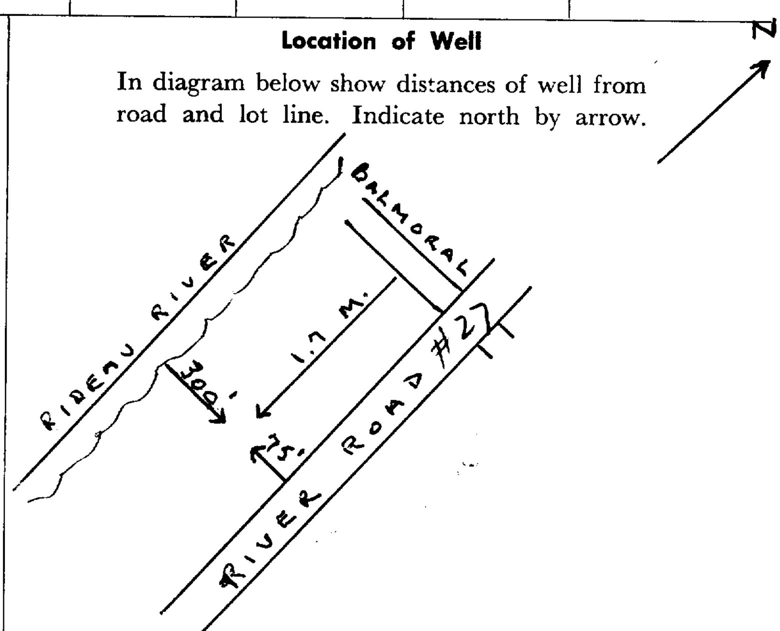
(Signature of Licensed Drilling or Boring Contractor)
for J.B. Dufresne & Co. Limited

Form 7 15M-60-4138

OWRC COPY

Location of Well

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



.5 NORTH OF HONEYGABLES SUB DIV

316/56

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

Bu 5 R | 5 0 7 5 3 4 0 | N

Elev. 4 R | 0 2 6 0 |

Basin | 2 5 |

WATER RESOURCES DIVISION
15 No. 288
MAY 17 1965
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

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

Con. ~~BF~~ I RF, Lot 15 — Date completed: 26 (day) Apr (month) 65 (year)

[redacted] 279 Grandview Rd RR #2 Bells Corners

Casing and Screen Record

Inside diameter of casing	5"
Total length of casing	84'
Type of screen	
Length of screen	
Depth to top of screen	
Diameter of finished hole	5"

Pumping Test

Static level	21'
Test-pumping rate	10 G.P.M.
Pumping level	80
Duration of test pumping	1 hr
Water clear or cloudy at end of test	cloudy
Recommended pumping rate	5 G.P.M.
with pump setting of	90' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
clay	0'	40'	114	fresh
Gravel + boulders	40	80		
limestone	80	90		
sandstone	90	115		

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

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

Drilling or Boring Firm: Capital Water Supply

Address: 1243 Heron Rd Ottawa 733-0600

Licence Number: 1687

Name of Driller or Borer: M Kavanagh

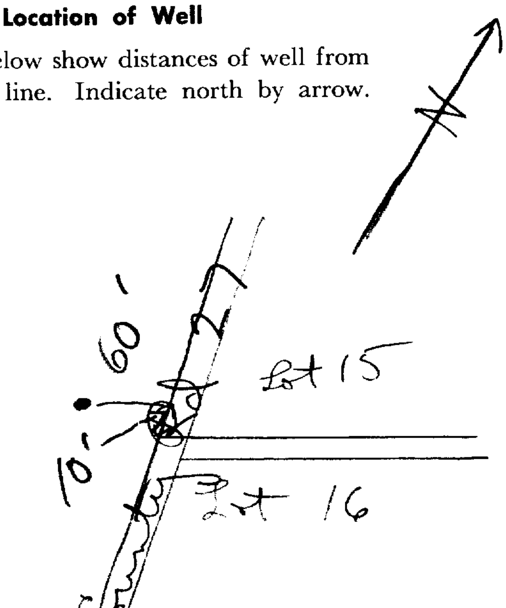
Address:

Date: 27 April 1965

Walter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M-60-4138

OWRC COPY

RIDEAU FRONT 316/56 "C"

UTM 1|8 Z 4|4|5|5|0|0 E
5 R 5|0|1|5|0|2|5 N

Elev. 4 R 0|2|8|2

Basin 2|5

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

County or Territorial District ....Township, Village, Town or City ....
[redacted] Village, Town or City) ....
Address ....

(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) ..... 3"
Length(s) ..... 87'
Type of screen ..... None
Length of screen .....

Pumping Test

Static level ..... 10'
Pumping rate ..... 480 GPH
Pumping level 30
Duration of test ..... 4 HRS

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Clay	0	30
Gravel & Boulders	30	84
Sandstone (White)	84	107

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
107	88	Fresh

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

Is water clear or cloudy? Clear

Is well on upland, in valley, or on hillside? ✓ (upland)

Drilling firm .....

Address .....

Name of Driller .....

Address .....

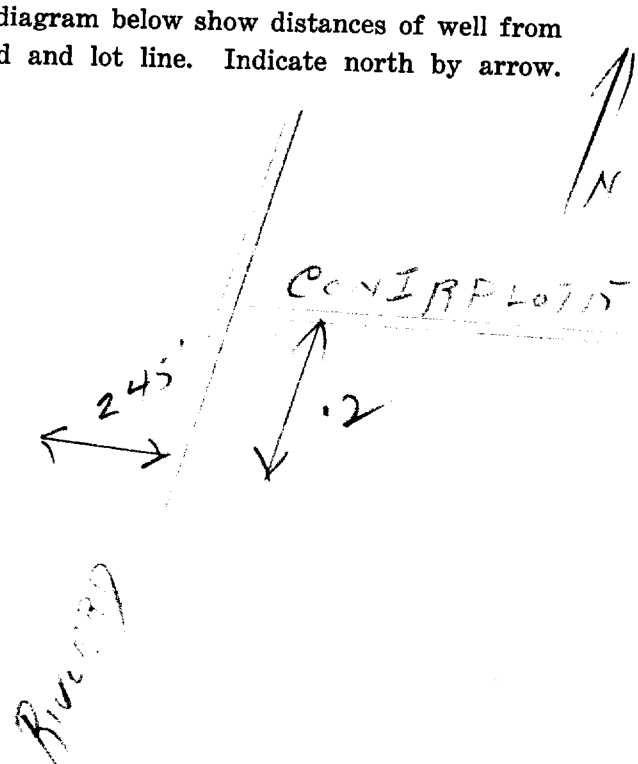
Licence Number 395

I certify that the foregoing statements of fact are true.

Date 1958 Signature of Licensee: L R Carsette

Location of Well

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



Form 5

319/56.

UTM 18 Z 447320 E

9 R 5014840 N

Elev RF 9 R 0299

Basin 25

Lot 19 R.F.

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

Water-Well Record

[redacted]ip, Village, Town or City ....Gloucester

Village, Town or City) ....Limebank

ddress ....Limebank

Date completed ....Nov 6 57
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Static level	9'
Length(s)	48'	Pumping rate	350 GPH
Type of screen	None	Pumping level	14'
Length of screen		Duration of test	1 hr.

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Clay	1'	42'			
Limestone	42'	57'	57'	48'	fresh

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

Is water clear or cloudy? ....clear

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

Drilling firm ....M. Meagher

Address ....639 Ravenswood Ave
Ottawa

Name of Driller ....M. Meagher

Address ....

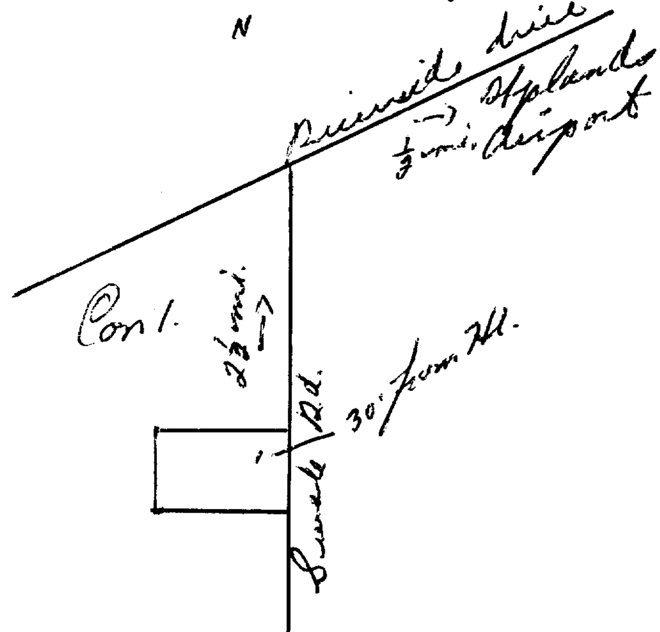
Licence Number 171

I certify that the foregoing statements of fact are true.

Date ....Nov 6 .... M. Meagher
Signature of Licensee

Location of Well

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



Form 5

CSS.58

316/56. "C"

UTM | 1 | 8 | Z | 4 | 4 | 5 | 1 | 1 | 5 | E
| 5 | R | 5 | 0 | 1 | 1 | 5 | 3 | 5 | 5 | N

Elev. | 4 | R | 0 | 2 | 6 | 0 |

Rideau Front

Basin | 2 | 5 |

Con BF

lot 15 16

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

RECEIVED ... 6 1956 GEOLOGICAL BRANCH DEPARTMENT of MINES

15 № 4692

Water-Well Record

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

[redacted] in Village, Town or City) .

Address Ottawa Ont

(day) (month) (year)

Pipe and Casing Record	
Casing diameter(s)	3"
Length(s)	91 feet
Type of screen	
Length of screen	

Pumping Test	
Static level	15 feet
Pumping rate	300 gal per hr
Pumping level	55 feet
Duration of test	2 hrs

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
clay	0	65	120	185	fresh
bolders hard pan	65	91			
sand stone	91	131			

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

Is water clear or cloudy? clear

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

Drilling firm J. B. ...

Address 1870 ... ave Ottawa Ont

Name of Driller V. Cossette

Address 1652 ... Ottawa Ont

Licence Number 1058

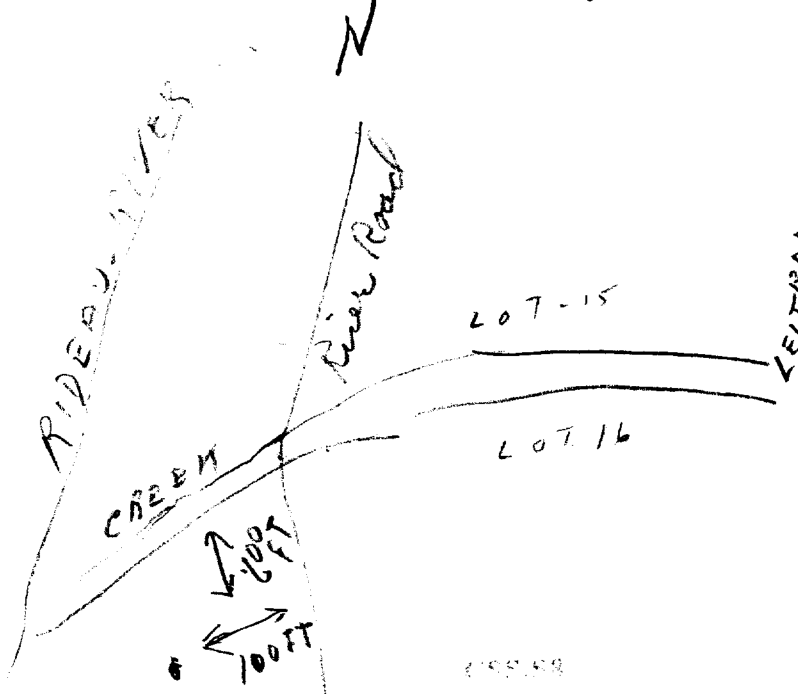
I certify that the foregoing statements of fact are true.

Date 18/1/56 Victor Cossette

Signature of Licensee

Location of Well

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



Form 5

31G/56. "C"

UTM 1/18 Z 4/4/5/5/3/5 E
5 R 5/0/1/5/2/7/5 N
Elev. 4 R 0/2/8/0
Basin 2/5
Lot 16

RECEIVED NOV 5 1956 GEOLOGICAL BRANCH DEPARTMENT OF MINES

15 № 1665

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

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

[redacted] Village, Town or City) ... ddress: Billing bridge R R No 2

Date completed ... (day) ... (month) ... (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	3"	Static level	13 ft
Length(s)	79 ft	Pumping rate	250 GPH
Type of screen		Pumping level	28 ft
Length of screen		Duration of test	2 hrs

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Blue Clay	0	58	109	96	Fresh
Sand	58	61			
Bolders and Gravel	61	79			
Sand Stone	79	109			

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

Is water clear or cloudy? Clear

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

Drilling firm: F R Corsetti

Address: 1652 Base Line R D City View ont

Name of Driller: —

Address: —

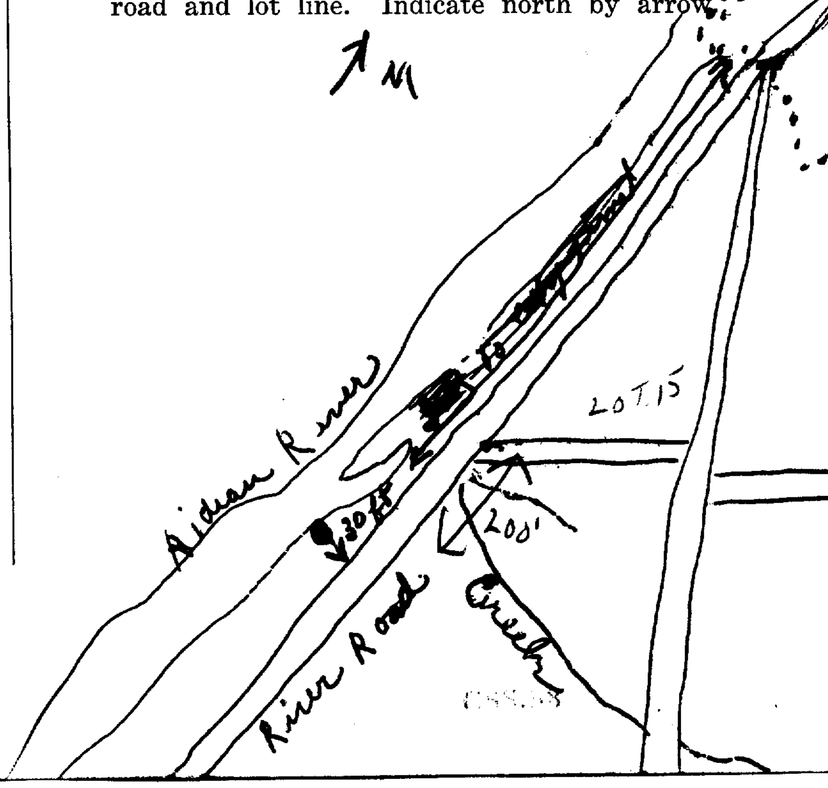
Licence Number: 395

I certify that the foregoing statements of fact are true.

Date: July 11/56 F R Corsetti
Signature of Licensee

Location of Well

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



Form 5

316/56 "C"

UTM 1 8 Z 4 4 5 6 8 0 E

5 R 5 0 1 5 4 5 0 N

Elev. 4 R 0 2 7 5

Basin 25

Lot 15

ONTARIO

15 № 1654

RECEIVED SEP 4 1956 GEOLOGICAL BRANCH DEPARTMENT of MINES

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

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

[redacted] in Village, Town or City)

Address: Billings Bridge

(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	3	Static level	22'
Length(s)	64	Pumping rate	360 GPH
Type of screen		Pumping level	30'
Length of screen		Duration of test	2 HRS

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Blue Clay	8	40			
Gravelly material	40	64			
Gravel	64	65	65	43	fresh

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

Is water clear or cloudy? Clear

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

Drilling firm: J B Durham & Co Ltd

Address: 1614 Maitland

Name of Driller: C St Don

Address: 359 Montfort

Licence Number: 1164

I certify that the foregoing statements of fact are true.

Date: Aug 29 C St Don

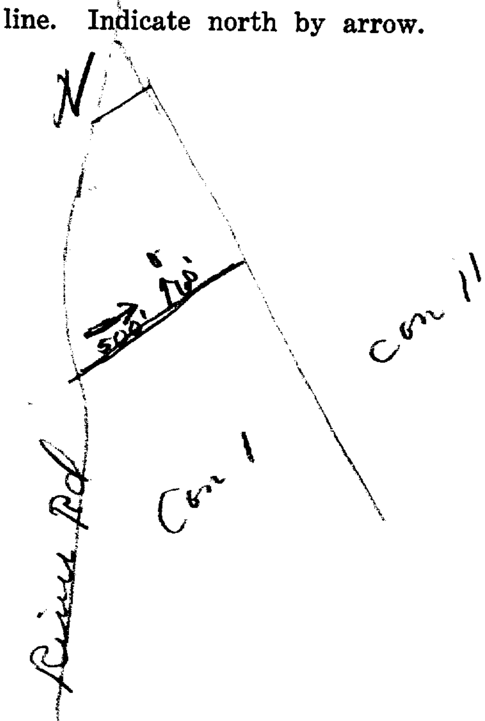
Signature of Licensee

By JBD.

Form 5

Location of Well

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



316/56. "C"

UTM | 18 | Z | 4416275 | E
9 | R | 5015735 | N
Elev. | 9 | R | 0292 |
Basin | 25 |

Con I Lot 16 Front

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

RECEIVED JUL 1? 1956 GEOLOGICAL BRANCH DEPARTMENT of MINES

15 No 1684

Water-Well Record

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

[redacted]n Village, Town or City)

Address R.R. I Billings Bridge Ont.

(day) (month) (year)

Pipe and Casing Record	
Casing diameter(s)	5"
Length(s)	85 ft.
Type of screen	--
Length of screen	--

Pumping Test	
Static level	22 ft.
Pumping rate	600 gph
Pumping level	22 ft.
Duration of test	1hr

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
clay	0	65			
hardpan & boulders	65	82			
sandstone	82	105	105	83	fresh

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

Is water clear or cloudy? clear

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

Drilling firm F.A. McLean & Son
Address 185 James St.

Name of Driller A. Scharf
Address

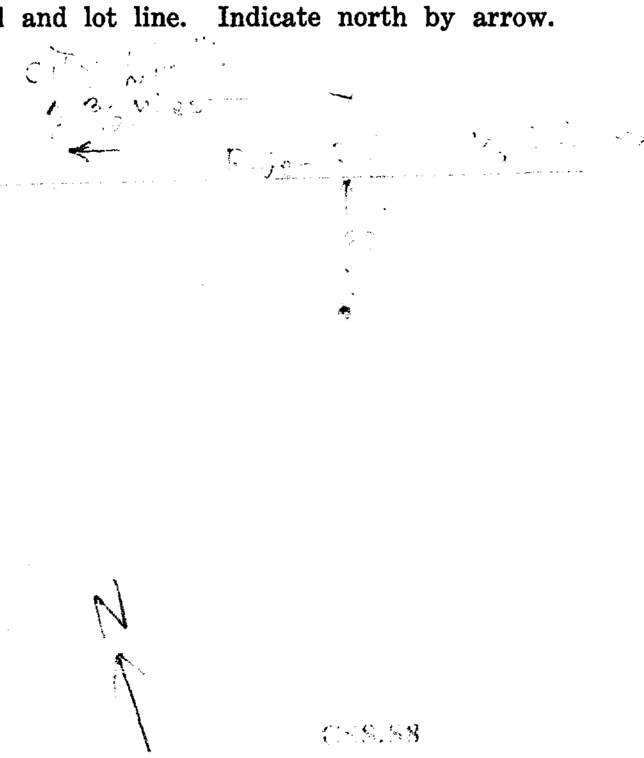
Licence Number

I certify that the foregoing statements of fact are true.

Date July 16. D. McLean
Signature of Licensee

Location of Well

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



Form 5

316/56. "C"

UTM 18 Z 445545 E
5 R 5014885 N
Elev. 4 R 0285
Basin 25
Rideau Front

15 No 1685

RECEIVED
JUL - 6 1955
GEOLOGICAL BRANCH
DEPARTMENT of MINES

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

County or ~~T~~erritorial District CARLETON Township, ~~Village, Town or~~ City GLOUCESTER

[redacted] Village, Town or City)

ddress

(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)		Static level	15 [illegible]
Length(s)	75	Pumping rate	[illegible]
Type of screen		Pumping level	
Length of screen		Duration of test	[illegible]

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
[illegible]	0	72			
[illegible]	72	76	76	61	[illegible]

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

Is water clear or cloudy? [illegible]

Is well on upland, in valley, or on hillside? [illegible]

Drilling firm [illegible]

Address [illegible]

Name of Driller [illegible]

Address [illegible]

Licence Number [illegible]

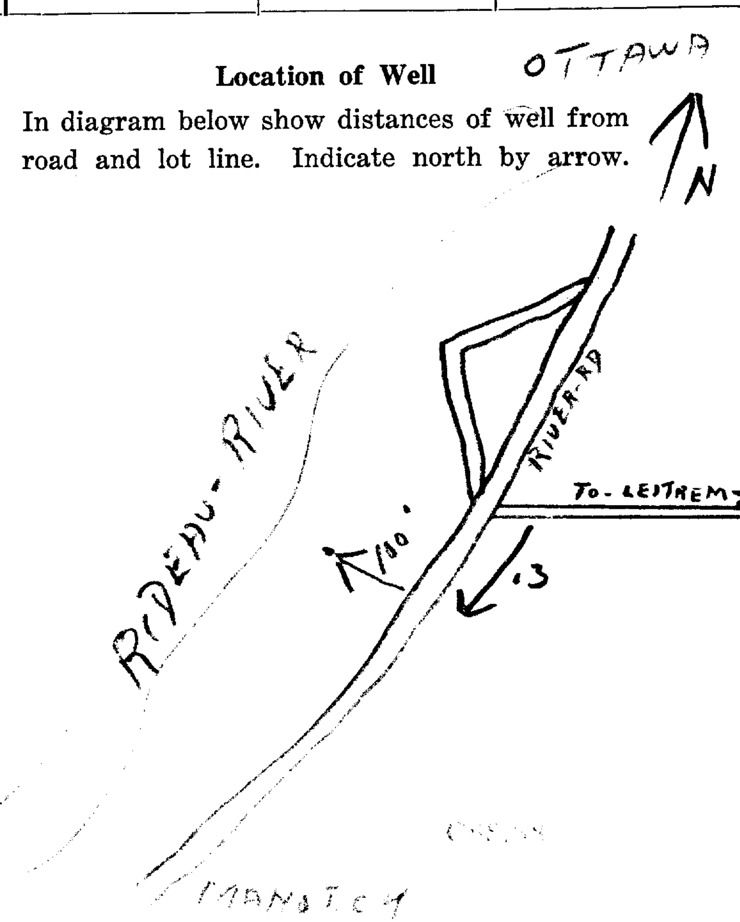
I certify that the foregoing statements of fact are true.

Date [illegible]

Signature of Licensee

Location of Well

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



Form 5

31G/5b 'F'

UTM 1 8 Z 4 4 5 5 9 5 E

5 R 5 0 1 7 0 7 5 N

Elev. 4 R 0 2 5 6

Basin 2 5 Rideau front

Rideau Front
Con I BF
lot 12

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

15 No. 4669

RECEIVED
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water-Well Record

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

Con. BF I Lot 12 RF Street and Number (if in Village, Town or City)

Owner Mrs Dorothy Connell Address Billings Bridge

Date completed August 15 1955
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4	Static level	flowing
Length(s)	76 feet	Pumping rate	350 gal 1 hr
Type of screen		Pumping level	FLOWS
Length of screen		Duration of test	1 hr

Well Log / **Water Record**

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Red Clay	0	45 feet	96 feet	flowing	fresh
Sand + gravel	45	61			
hard pan	61	76			
hard Grey lime Stone	76	96		96	

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

Is water clear or cloudy? Clear

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

Drilling firm James Kettles

Address Ramsayville

Name of Driller

Address

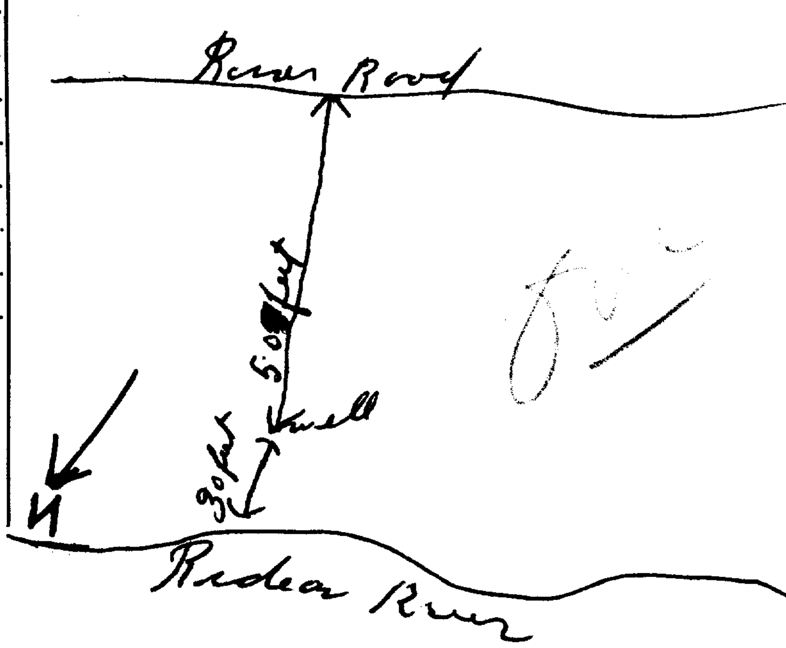
Licence Number 735

I certify that the foregoing statements of fact are true.

Date August 15 James Kettles
Signature of Licensee

Location of Well

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



Form 5

GW

BW

E

316/56. "C"

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

| 5 | R | 5 | 0 | 1 | 1 | 5 | 4 | 3 | 5 | N

Elev. | 4 | R | 0 | 2 | 6 | 0 |

Basin | 2 | 5 |

ONTARIO

RECEIVED
JAN .. 1956 15
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

No 1653

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

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

[redacted] Village, Town or City)

Address Billings Bridge RR2

(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	3 inch	Static level	11 feet
Length(s)	85 feet	Pumping rate	360 per hrs
Type of screen		Pumping level	15 feet
Length of screen		Duration of test	1 hrs

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Clay	0	85	89 feet	89 feet	fresh
Lime rock	85	100			

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

Is water clear or cloudy? Clear

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

Drilling firm D. B. Jupien

Address 1820 Carling Ottawa

Name of Driller V. Roy

Address 232 St Joseph BLVD Hull

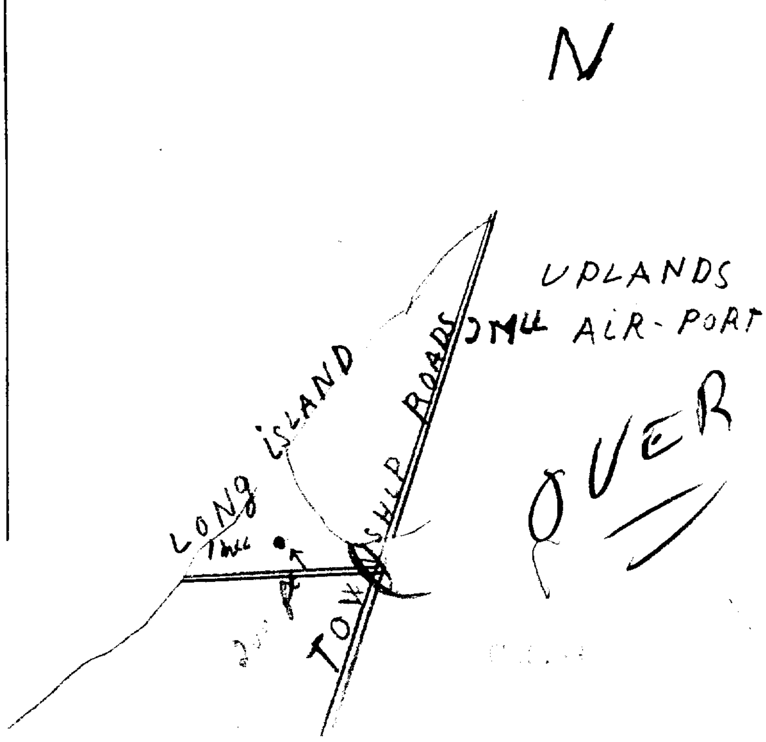
Licence Number 394

I certify that the foregoing statements of fact are true.

Date 13 Dec 1955 V. Roy
Signature of Licensee

Location of Well

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



Form 5

316/56. "C"

UTM | 1 | 18 | Z | 4 | 4 | 5 | 5 | 5 | 0 | E

| 5 | R | 5 | 0 | 1 | 5 | 1 | 2 | 5 | N

Elev. | 4 | R | 0 | 2 | 8 | 5 |

Basin | 25 | | 4 | |

1952

ONTARIO

RECEIVED JUL 17 1952 No 1667
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Dead well

X

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

[redacted] ~~Village, Town or City~~ Gloucester ....
[redacted] (Town or City) Billing Bridge ....
[redacted] Billings Bridge

Date Completed 20 Febry 1952 Cost of Well (excluding pump) ....
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	6 inch	Date	Febry 28
Length(s) of casing(s)	83 11	Static level	25'
Type of screen		Pumping level	25'
Length of screen		Pumping rate	150 gal per hour
Distance from top of screen to ground level		Duration of test	1 hour test
Is well a gravel-wall type?		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? ...... house hold use [illegible]
How far is well from possible source of contamination? ...... 1000 feet
What is the source of contamination? ...... River
Enclose a copy of any mineral analysis that has been made of water ......

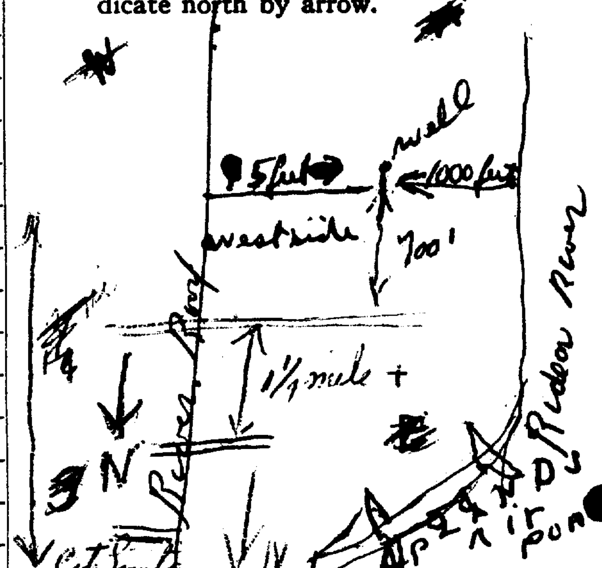
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
83	fresh	66

Well Log

Overburden and Bedrock Record	From 0 ft.	To ....ft.
Black loam	0	2
red Clay	2	66
Gravel	66	91

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? ...... hill
Drilling Firm ...... Gordon L. Mulligan
Address ...... 468 Mc Learn Street Ottawa
Name of Driller ...... James Nettles Address ...... Ramsayville
Date ...... Febry 1C 4 Licence Number 537
James Nettles
Signature of Licensee

Form 5

CSS.38

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, August 24, 2022 3:35 PM
To: Curtis Black
Subject: RE: Search Records Request - Ref#PE5840

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello Curtis,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.
Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
    a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
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,

Mariah

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: Curtis Black <CBlack@patersongroup.ca>
Sent: August 24, 2022 1:48 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search Records Request - Ref#PE5840

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 Gloucester, Ontario:

Limebank Road: 4462, 4452, 4269

Spratt Road: 3771, 3767

River Road: 558, 538, 530

Twin Falls Place: 3702, 3700

Kind regards,

CURTIS BLACK, M.Eng.
JUNIOR ENVIRONMENTAL ENGINEER

TEL: (613) 226-7381 ext. 104
DIRECT: (613) 701-2902

9 AURIGA DRIVE
OTTAWA ON K2E 7T9

patersongroup.ca

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, Real Estate 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:** 3700 Twin Falls Place

** Mandatory Field*

Applicant/Agent Information:

Name: Paterson Group Inc.

Mailing Address: 9 Auriga Drive, Ottawa, ON, K2E 7T9

Telephone: 613 226 7381 Email Address: cblack@patersongroup.ca

Registered Property Owner Information: ☐ Same as above

Name: Riverside South Development Corporation

Mailing Address: 2193 Arch Street, Ottawa, ON, K1G 2H5

Telephone: 613 889 6204 Email Address: mdenomme@urbandale.com

Site Details

Legal Description and PIN: Lot 1, Concession 17, Gloucester, Ottawa

What is the land currently used for? Generally vacant, agricultural.

Lot frontage: _____ m Lot depth: _____ m Lot area: 0 m²

OR Lot area: (irregular lot) 829938 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	$132.00

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, Real Estate 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): 22/08/2022

Per: Curtis Black
(Please print name)

Title: Junior Environmental Eng.

Company: Paterson Group

August 22, 2022
File: PE5840-HLUI

Consulting Engineers
9 Auriga Drive
Ottawa, Ontario
K2E 7T9
Tel: (613) 226-7381

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Materials Testing
Building Science
Rural Development Design
Retaining Wall Design
Noise and Vibration Studies

patersongroup.ca

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
Vacant Land on Limebank Rd. Beginning at 3700 Twin Falls Place
Ottawa, ON

Dear Sir/Madame

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: Riverside South Development Corporation

Name of Representative: Marcel Denomme

Signature:

Date: August 22nd, 2022

DATABASE REPORT

Project Property:	*Phase I Environmental Site Assessment* *3700 Twin Falls Pl* *Gloucester ON K1V 1W6*
Project No:	*55606*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22082204365*
Requested by:	*Paterson Group Inc.*
Date Completed:	*August 25, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I Environmental Site Assessment* *3700 Twin Falls Pl Gloucester ON K1V 1W6*
Project No:	*55606*

Order Information:

Order No:	*22082204365*
Date Requested:	*August 22, 2022*
Requested by:	*Paterson Group Inc.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	1	1
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	9	9
CA	Certificates of Approval	Y	0	3	3
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	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	4	8	12
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	8	8
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	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	1	1
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	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	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	19	19
	Total:		5	53	58

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	ECA	Richcraft Homes Ltd.	Ottawa ON K1G 4K1	WSW/0.0	-9.58	22
1	ECA	Richcraft Homes Limited	Ottawa ON K1G 4K1	WSW/0.0	-9.58	22
1	ECA	Richcraft Homes Limited	Ottawa ON K1G 4K1	WSW/0.0	-9.58	22
1	ECA	Richcraft Homes Ltd.	Ottawa ON K1G 4K1	WSW/0.0	-9.58	23
2	EHS		Spratt Rd Limebank Rd Ottawa ON	ESE/0.0	-2.85	23

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	EHS		4260 Limebank Road Ottawa ON	E/6.1	-1.85	23
4	ECA	Richcraft Homes Ltd.	Ottawa ON K1G 4K1	WNW/22.0	-0.76	23
4	ECA	Richcraft Homes Limited	Ottawa ON K1G 4K1	WNW/22.0	-0.76	24
4	ECA	Richcraft Homes Limited	Ottawa ON K1G 4K1	WNW/22.0	-0.76	24
4	ECA	Richcraft Homes Ltd.	Ottawa ON K1G 4K1	WNW/22.0	-0.76	24
5	WWIS		lot 17 con 1 ON ***Well ID:*** 1519298	WSW/24.9	-2.76	25
5	WWIS		lot 17 con 1 ON ***Well ID:*** 1528440	WSW/24.9	-2.76	27
5	WWIS		lot 17 con 1 ON ***Well ID:*** 1528441	WSW/24.9	-2.76	29
6	WWIS		lot 16 con 1 ON ***Well ID:*** 1533861	WNW/28.2	-0.76	33
7	ECA	Ottawa-Carleton Catholic School Board	4209 Limebank Rd North-east corner of Limebank Road and Spratt Road Ottawa ON K2G 3R4	ESE/49.9	-1.85	37
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	38
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	38

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	38
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	38
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	39
7	GEN	URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	ESE/49.9	-1.85	39
8	CA	Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON	ESE/53.5	-1.85	39
8	ECA	Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON K1G 2H5	ESE/53.5	-1.85	39
8	ECA	Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON K1G 2H5	ESE/53.5	-1.85	40
9	GEN	A and A Health Inc.	3771 Spratt Rd, Unit 10 Ottawa ON K1V 2P3	ESE/80.3	-1.78	40
9	GEN	A and A Health Inc.	3771 Spratt Rd, Unit 10 Ottawa ON K1V 2P3	ESE/80.3	-1.78	40
10	WWIS		4209 LIMEBANK ROAD OTTAWA ON ***Well ID:*** 7040010	E/83.2	-1.85	41
10	CA	Ottawa-Carleton Catholic School Board	4209 Limebank Rd North-east corner of Limebank Road and Spratt Road Ottawa ON	E/83.2	-1.85	42
11	HINC		737 OWLS CABIN AVENUE GLOUCESTER ON K1V 1W9	S/84.7	0.15	43
12	WWIS		lot 16 con 1 ON	W/108.8	-10.52	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1501667			
13	WWIS		lot 16 con 1 ON ***Well ID:*** 1504691	W/113.3	-10.54	46
14	BORE		ON	W/113.3	-10.54	49
15	WWIS		4269 LIMEBANK ROAD lot 18 con 2 GLOUCESTER ON ***Well ID:*** 1535501	E/114.5	-1.85	51
16	WWIS		lot 16 con 1 ON ***Well ID:*** 1501669	W/122.4	-10.64	58
17	PINC	PIPELINE HIT	4460 LIMEBANK ROAD,,OTTAWA,ON, K1V 2N8,CA ON	ESE/128.1	-1.85	61
18	BORE		ON	W/135.5	-10.85	62
19	WWIS		lot 16 con 1 ON ***Well ID:*** 1501668	W/135.6	-10.85	63
20	WWIS		lot 16 con 1 ON ***Well ID:*** 1501665	W/155.3	-10.76	66
21	BORE		ON	W/155.4	-10.76	69
22	WWIS		4269 LIMEBANK RD OTTAWA ON ***Well ID:*** 1536379	E/155.8	-1.85	70
23	WWIS		lot 16 con 1 ON ***Well ID:*** 1500289	W/167.5	-10.89	72
24	BORE		ON	W/182.8	-11.85	74
25	BORE		ON	WNW/204.5	-1.82	76

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	BORE		ON	W/204.8	-9.85	77
27	WWIS		lot 16 con 1 ON ***Well ID:*** 1501666	W/204.8	-9.85	78
28	BORE		ON	ESE/214.3	-1.85	81
29	WWIS		lot 19 con 1 ON ***Well ID:*** 1500867	ESE/214.4	-1.85	82
30	WWIS		lot 16 con 1 ON ***Well ID:*** 1501684	NW/214.9	-0.85	85
31	BORE		ON	NW/214.9	-0.85	88
32	AMIS	MERKLEY'S QUARRY	GLOUCESTER ON	E/215.6	-0.85	89
33	MNR	Merkley	ON	E/215.8	-0.85	89
34	WWIS		lot 15 con 1 ON ***Well ID:*** 1500288	W/219.9	-13.57	90
35	EHS		Intersection of Leitrim Road and River Road Ottawa ON	W/225.9	-11.82	93
36	BORE		ON	N/227.4	1.15	93
37	WWIS		lot 15 con 1 ON ***Well ID:*** 1504692	W/228.7	-11.68	94
38	WWIS		lot 15 con 1 ON	W/234.8	-11.15	97

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1501654			
39	CA	Ottawa-Carleton Catholic School Board	4109 Limebank Rd Part of Lot 18, Concession 2, Rideau Front Ottawa ON	E/249.9	-0.85	100
39	ECA	Ottawa-Carleton Catholic School Board	4109 Limebank Rd Part of Lot 18, Concession 2 Ottawa ON K2G 3R4	E/249.9	-0.85	101

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Mar 2022 has found that there are 1 AMIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MERKLEY'S QUARRY	GLOUCESTER ON	215.6	32

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 9 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	113.3	14
	ON	135.5	18
	ON	155.4	21
	ON	182.8	24
	ON	204.5	25
	ON	204.8	26
	ON	214.3	28

Site	Address	Distance (m)	Map Key
	ON	214.9	31
	ON	227.4	36

CA - Certificates of Approval

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

Site	Address	Distance (m)	Map Key
Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON	53.5	8
Ottawa-Carleton Catholic School Board	4209 Limebank Rd North-east corner of Limebank Road and Spratt Road Ottawa ON	83.2	10
Ottawa-Carleton Catholic School Board	4109 Limebank Rd Part of Lot 18, Concession 2, Rideau Front Ottawa ON	249.9	39

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2022 has found that there are 12 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Richcraft Homes Ltd.	Ottawa ON K1G 4K1	0.0	1
Richcraft Homes Limited	Ottawa ON K1G 4K1	0.0	1
Richcraft Homes Ltd.	Ottawa ON K1G 4K1	0.0	1

Site	Address	Distance (m)	Map Key
Richcraft Homes Limited	Ottawa ON K1G 4K1	0.0	1
Richcraft Homes Ltd.	Ottawa ON K1G 4K1	22.0	4
Richcraft Homes Limited	Ottawa ON K1G 4K1	22.0	4
Richcraft Homes Limited	Ottawa ON K1G 4K1	22.0	4
Richcraft Homes Ltd.	Ottawa ON K1G 4K1	22.0	4
Ottawa-Carleton Catholic School Board	4209 Limebank Rd North-east corner of Limebank Road and Spratt Road Ottawa ON K2G 3R4	49.9	7
Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON K1G 2H5	53.5	8
Urbandale Realty Corporation Limited	4001 Spratt Rd Ottawa ON K1G 2H5	53.5	8
Ottawa-Carleton Catholic School Board	4109 Limebank Rd Part of Lot 18, Concession 2 Ottawa ON K2G 3R4	249.9	39

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Spratt Rd Limebank Rd Ottawa ON	0.0	2
	4260 Limebank Road Ottawa ON	6.1	3
	Intersection of Leitrim Road and River Road Ottawa ON	225.9	35

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2022 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
URBANDALE CORPORATION	SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	49.9	7
A and A Health Inc.	3771 Spratt Rd, Unit 10 Ottawa ON K1V 2P3	80.3	9

Site	Address	Distance (m)	Map Key
A and A Health Inc.	3771 Spratt Rd, Unit 10 Ottawa ON K1V 2P3	80.3	9

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.

Site	Address	Distance (m)	Map Key
	737 OWLS CABIN AVENUE GLOUCESTER ON K1V 1W9	84.7	11

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2022 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Merkley	ON	215.8	33

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

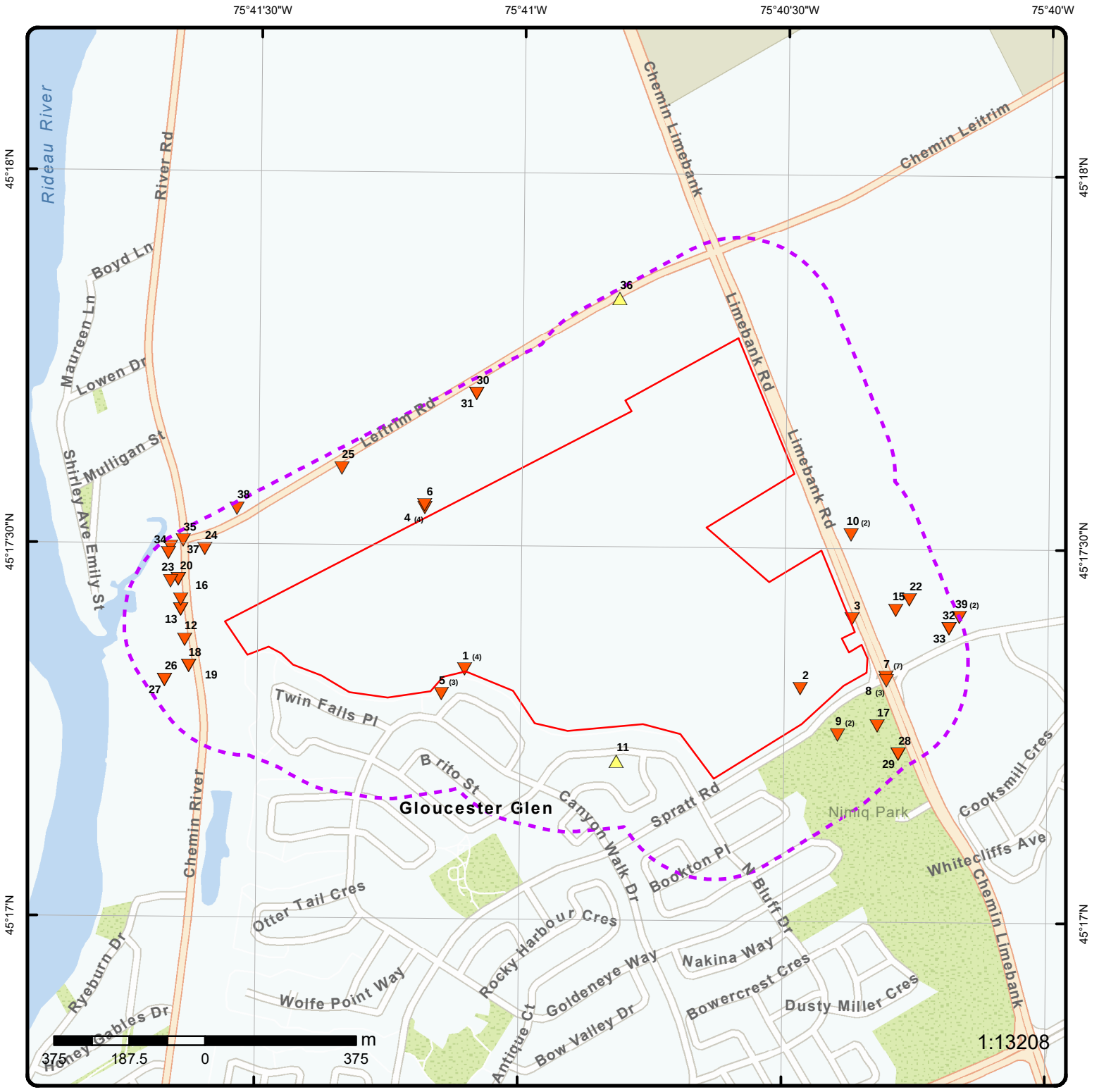
Site	Address	Distance (m)	Map Key
PIPELINE HIT	4460 LIMEBANK ROAD,,OTTAWA,ON,K1V 2N8,CA ON	128.1	17

WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 19 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 17 con 1 ON ***Well ID:*** 1528441	24.9	5
	lot 17 con 1 ON ***Well ID:*** 1528440	24.9	5
	lot 17 con 1 ON ***Well ID:*** 1519298	24.9	5
	lot 16 con 1 ON ***Well ID:*** 1533861	28.2	6
	4209 LIMEBANK ROAD OTTAWA ON ***Well ID:*** 7040010	83.2	10
	lot 16 con 1 ON ***Well ID:*** 1501667	108.8	12
	lot 16 con 1 ON ***Well ID:*** 1504691	113.3	13
	4269 LIMEBANK ROAD lot 18 con 2 GLOUCESTER ON ***Well ID:*** 1535501	114.5	15
	lot 16 con 1 ON ***Well ID:*** 1501669	122.4	16
	lot 16 con 1 ON ***Well ID:*** 1501668	135.6	19
	lot 16 con 1 ON ***Well ID:*** 1501665	155.3	20
	4269 LIMEBANK RD OTTAWA ON	155.8	22

Site	Address	Distance (m)	Map Key
	Well ID: 1536379		
	lot 16 con 1 ON	167.5	23
	Well ID: 1500289		
	lot 16 con 1 ON	204.8	27
	Well ID: 1501666		
	lot 19 con 1 ON	214.4	29
	Well ID: 1500867		
	lot 16 con 1 ON	214.9	30
	Well ID: 1501684		
	lot 15 con 1 ON	219.9	34
	Well ID: 1500288		
	lot 15 con 1 ON	228.7	37
	Well ID: 1504692		
	lot 15 con 1 ON	234.8	38
	Well ID: 1501654		



Map: 0.25 Kilometer Radius

Order Number: 22082204365

Address: 3700 Twin Falls Pl, Gloucester, 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
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

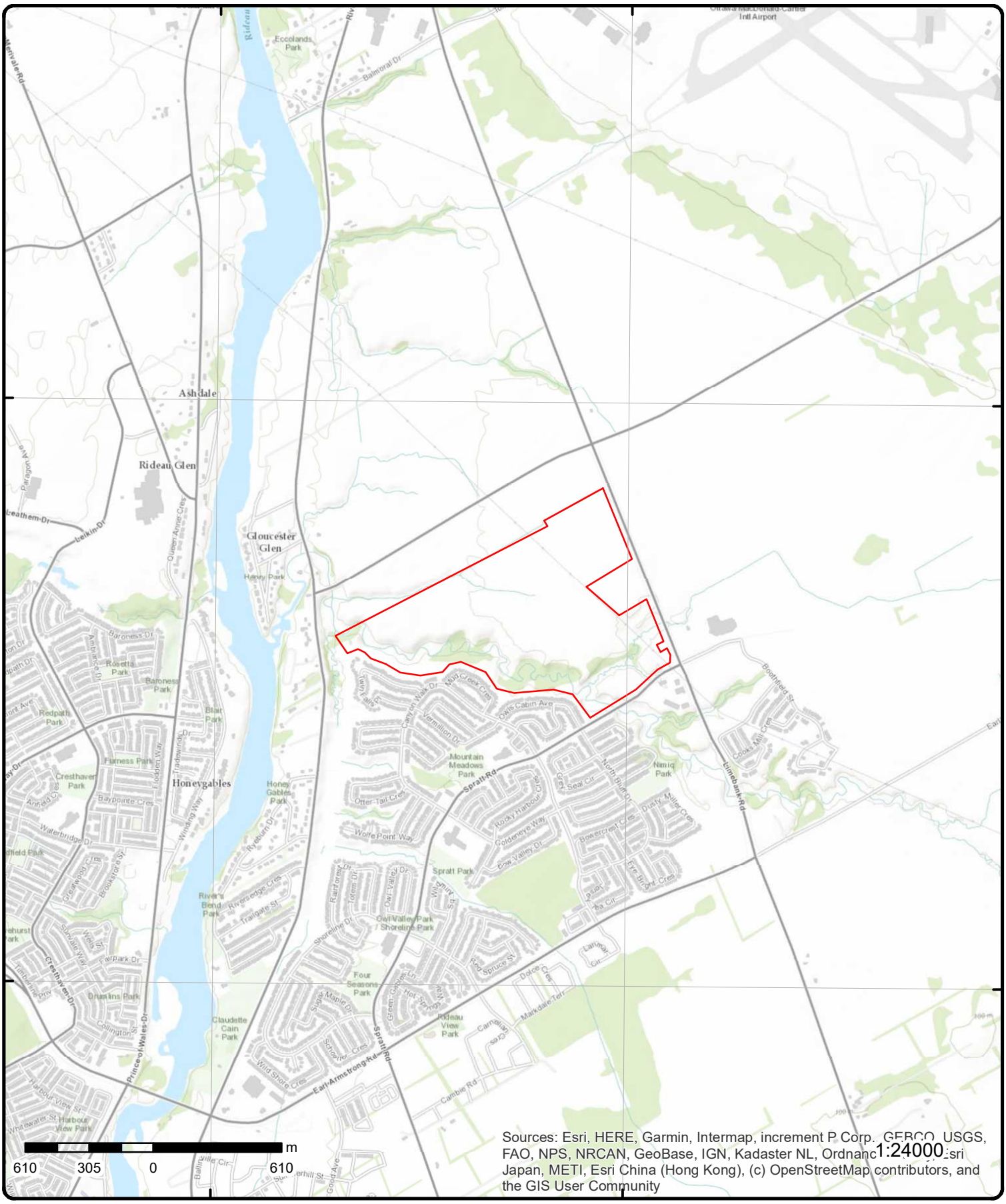
Aerial

Year: 2022

Order Number: 22082204365

Address: 3700 Twin Falls Pl, Gloucester, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22082204365

Address: 3700 Twin Falls Pl, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 4	WSW/0.0	82.1 / -9.58	Richcraft Homes Ltd. Ottawa ON K1G 4K1	ECA

Approval No:	4643-5CTJTW	**MOE District:**	Ottawa
Approval Date:	2002-08-14	**City:**	
Status:	Approved	**Longitude:**	-75.6851
Record Type:	ECA	**Latitude:**	45.288900000000005
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	Richcraft Homes Ltd.		
Address:			
Full Address:			
Full PDF Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 4	WSW/0.0	82.1 / -9.58	Richcraft Homes Limited Ottawa ON K1G 4K1	ECA

Approval No:	0353-4RYM99	**MOE District:**	Ottawa
Approval Date:	2000-12-21	**City:**	
Status:	Approved	**Longitude:**	-75.6851
Record Type:	ECA	**Latitude:**	45.288900000000005
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	Richcraft Homes Limited		
Address:			
Full Address:			
Full PDF Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 4	WSW/0.0	82.1 / -9.58	Richcraft Homes Limited Ottawa ON K1G 4K1	ECA

Approval No:	6371-4RYMCW	**MOE District:**	Ottawa
Approval Date:	2000-12-21	**City:**	
Status:	Approved	**Longitude:**	-75.6851
Record Type:	ECA	**Latitude:**	45.2889
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Richcraft Homes Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1085-4RWMA8-14.pdf		

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

1 | 4 of 4 | WSW/0.0 | 82.1 / -9.58 | Richcraft Homes Ltd. | ECA

Ottawa ON K1G 4K1

Approval No:	6978-5CTJY6	MOE District:	Ottawa
Approval Date:	2002-08-14	City:	
Status:	Approved	Longitude:	-75.6851
Record Type:	ECA	Latitude:	45.2889
Link Source:	IDS	Geometry X:	
SWP Area Name:	Rideau Valley	Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Richcraft Homes Ltd.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3465-5CRHBV-14.pdf		
PDF Site Location:			

2 | 1 of 1 | ESE/0.0 | 88.9 / -2.85 | Spratt Rd Limebank Rd
Ottawa ON | EHS

Order No:	20140819081	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	26-AUG-14	Search Radius (km):	.25
Date Received:	19-AUG-14	X:	-75.674485
Previous Site Name:		Y:	45.288527
Lot/Building Size:	2.72 hectares		
Additional Info Ordered:	City Directory		

3 | 1 of 1 | E/6.1 | 89.9 / -1.85 | 4260 Limebank Road
Ottawa ON | EHS

Order No:	20080819042	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Complete Report	Client Prov/State:	ON
Report Date:	8/27/2008	Search Radius (km):	0.25
Date Received:	8/19/2008	X:	-75.672863
Previous Site Name:		Y:	45.290095
Lot/Building Size:			
Additional Info Ordered:	Title Search		

4 | 1 of 4 | WNW/22.0 | 91.0 / -0.76 | Richcraft Homes Ltd. | ECA

Ottawa ON K1G 4K1

Approval No:	4443-5NVNPN	MOE District:	Ottawa
Approval Date:	2003-06-27	City:	
Status:	Approved	Longitude:	-75.6864
Record Type:	ECA	Latitude:	45.2925
Link Source:	IDS	Geometry X:	
SWP Area Name:	Rideau Valley	Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Richcraft Homes Ltd.		
Address:			

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

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2650-5NSQKD-14.pdf
PDF Site Location:

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4 **2 of 4** **WNW/22.0** **91.0 / -0.76** **Richcraft Homes Limited** **ECA**

Ottawa ON K1G 4K1

Approval No: 5608-4Y4NHK
Approval Date: 2001-07-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: Richcraft Homes Limited
Address:
Full Address:
Full PDF Link:
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.6864
Latitude: 45.292500000000004
Geometry X:
Geometry Y:

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4 **3 of 4** **WNW/22.0** **91.0 / -0.76** **Richcraft Homes Limited** **ECA**

Ottawa ON K1G 4K1

Approval No: 0285-4Y4NR5
Approval Date: 2001-07-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Richcraft Homes Limited
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6287-4Y3KUU-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.6864
Latitude: 45.2925
Geometry X:
Geometry Y:

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4 **4 of 4** **WNW/22.0** **91.0 / -0.76** **Richcraft Homes Ltd.** **ECA**

Ottawa ON K1G 4K1

Approval No: 0197-5NVNRP
Approval Date: 2003-06-27
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Richcraft Homes Ltd.
Address:
Full Address:
Full PDF Link:
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.6864
Latitude: 45.292500000000004
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 3	WSW/24.9	89.0 / -2.76	lot 17 con 1 ON	WWIS

Well ID:	1519298	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	25-Oct-1984 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3644
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	017
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519298.pdf

Additional Detail(s) (Map)

Well Completed Date:	
Year Completed:	
Depth (m):	
Latitude:	45.2883409474729
Longitude:	-75.6858416891794
Path:	151\1519298.pdf

Bore Hole Information

Bore Hole ID:	10041168	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446217.00
Code OB Desc:		**North83:**	5015211.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	8
Date Completed:		**UTMRC Desc:**	margin of error : 3 km - 10 km
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	961519298
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID: 10589738
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 991519298
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 30.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934107536
Test Type:
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382692
Test Type:
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901776
Test Type:
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934652110
Test Type:
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Links

Bore Hole ID: 10041168
Depth M:
Year Completed:
Tag No:
Contractor: 3644
Path: 151\1519298.pdf

Well Completed Dt:		**Latitude:**	45.2883409474729
Audit No:		**Longitude:**	-75.6858416891794

5 **2 of 3** **WSW/24.9** **89.0 / -2.76** **lot 17 con 1 ON** **WWIS**

Well ID:	1528440	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Abandoned-Quality	**Date Received:**	13-Mar-1995 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	137534	**Contractor:**	6761
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	017
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528440.pdf

Additional Detail(s) (Map)

Well Completed Date:	1995/02/11
Year Completed:	1995
Depth (m):	17.6784
Latitude:	45.2883409474729
Longitude:	-75.6858416891794
Path:	152\1528440.pdf

Bore Hole Information

Bore Hole ID:	10049977	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446217.00
Code OB Desc:		**North83:**	5015211.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	8
Date Completed:	11-Feb-1995 00:00:00	**UTMRC Desc:**	margin of error : 3 km - 10 km
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931069657
Layer:	3
Color:	

General Color:
Mat1: 32
Most Common Material: PEA GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069655
Layer: 1
Color: 2
General Color: GREY
Mat1: 01
Most Common Material: FILL
Mat2: 60
Mat2 Desc: CEMENTED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069656
Layer: 2
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113334
Layer: 2
Plug From: 33.0
Plug To: 58.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113333
Layer: 1
Plug From: 10.0
Plug To: 33.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961528440
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10598547
Casing No:	1
Comment:	
Alt Name:	

Links

Bore Hole ID:	10049977	***Tag No:***	
Depth M:	17.6784	***Contractor:***	6761
Year Completed:	1995	***Path:***	152\1528440.pdf
Well Completed Dt:	1995/02/11	***Latitude:***	45.2883409474729
Audit No:	137534	***Longitude:***	-75.6858416891794

5 ***3 of 3*** ***WSW/24.9*** ***89.0 / -2.76*** ***lot 17 con 1 ON*** ***WWIS***

Well ID:	1528441	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	13-Mar-1995 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	137533	***Contractor:***	6761
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	017
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528441.pdf

Additional Detail(s) (Map)

Well Completed Date:	1995/02/11
Year Completed:	1995
Depth (m):	37.4904
Latitude:	45.2883409474729
Longitude:	-75.6858416891794
Path:	152\1528441.pdf

Bore Hole Information

Bore Hole ID:	10049978	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446217.00
Code OB Desc:		**North83:**	5015211.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	8
Date Completed:	11-Feb-1995 00:00:00	**UTMRC Desc:**	margin of error : 3 km - 10 km
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931069662
Layer:	5
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	85.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069660
Layer:	3
Color:	2
General Color:	GREY
Mat1:	26
Most Common Material:	ROCK
Mat2:	71
Mat2 Desc:	FRACTURED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069661
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	79.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069659
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069658
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933113335
Layer:	1
Plug From:	0.0
Plug To:	84.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528441
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10598548
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930087340
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	84.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930087341
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	123.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991528441
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	100.0
Recommended Pump Depth:	100.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934104640
Test Type:	
Test Duration:	15
Test Level:	44.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648782
Test Type:	
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934905965
Test Type:	
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934388265
Test Type:	
Test Duration:	30
Test Level:	32.0
Test Level UOM:	ft

Water Details

Water ID:	933488107
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	117.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933488106
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	95.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10049978	***Tag No:***	
Depth M:	37.4904	***Contractor:***	6761
Year Completed:	1995	***Path:***	152\1528441.pdf
Well Completed Dt:	1995/02/11	***Latitude:***	45.2883409474729
Audit No:	137533	***Longitude:***	-75.6858416891794

6 ***1 of 1*** ***WNW/28.2*** ***91.0 / -0.76*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1533861	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	08-Jul-2003 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	257264	***Contractor:***	1414
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533861.pdf

Additional Detail(s) (Map)

Well Completed Date: 2003/06/24
Year Completed: 2003
Depth (m): 34.1376
Latitude: 45.2925592146151
Longitude: -75.6864115777078
Path: 153\1533861.pdf

Bore Hole Information

Bore Hole ID: 10542976
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 24-Jun-2003 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 446176.30
North83: 5015680.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 932924436
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 66
Mat2 Desc: DENSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924438
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 45.0

Formation End Depth: 87.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924437
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 66
Mat2 Desc: DENSE
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932924439
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 87.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240761
Layer: 1
Plug From: 0.0
Plug To: 60.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533861
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11091546
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930097751
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930097752
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930097750
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991533861
Pump Set At:	
Static Level:	35.0
Final Level After Pumping:	112.0
Recommended Pump Depth:	100.0
Pumping Rate:	14.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934121342
Test Type:	Recovery
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656572
Test Type:	Recovery
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934914019
Test Type:	Recovery
Test Duration:	60
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934396195
Test Type:	Recovery
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Water Details

Water ID:	934036672
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10542976	***Tag No:***	
Depth M:	34.1376	***Contractor:***	1414
Year Completed:	2003	***Path:***	153\1533861.pdf
Well Completed Dt:	2003/06/24	***Latitude:***	45.2925592146151
Audit No:	257264	***Longitude:***	-75.6864115777078

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 7	ESE/49.9	89.9 / -1.85	***Ottawa-Carleton Catholic School Board*** ***4209 Limebank Rd North-east corner of Limebank Road and Spratt Road*** ***Ottawa ON K2G 3R4***	ECA

Approval No:	8630-7GVKEK	***MOE District:***	
Approval Date:	2008-08-08	***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:	Ottawa-Carleton Catholic School Board
Address:	4209 Limebank Rd North-east corner of Limebank Road and Spratt Road
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2591-7EGPBZ-14.pdf
PDF Site Location:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	2 of 7	ESE/49.9	89.9 / -1.85	URBANDALE CORPORATION SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	GEN

Generator No: ON7066643
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	3 of 7	ESE/49.9	89.9 / -1.85	URBANDALE CORPORATION SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	GEN

Generator No: ON7066643
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS
Approval Years: 2015
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	4 of 7	ESE/49.9	89.9 / -1.85	URBANDALE CORPORATION SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	GEN

Generator No: ON7066643
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	5 of 7	ESE/49.9	89.9 / -1.85	URBANDALE CORPORATION SPRATT ROAD @ LIMEBANK ROAD OTTAWA ON K1V 2N8	GEN

Generator No: ON7066643
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

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

Detail(s)

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

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7 | ***6 of 7*** | ***ESE/49.9*** | ***89.9 / -1.85*** | ***URBANDALE CORPORATION***
SPRATT ROAD @ LIMEBANK ROAD
OTTAWA ON K1V 2N8 | ***GEN***

Generator No: ON7066643
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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7 | ***7 of 7*** | ***ESE/49.9*** | ***89.9 / -1.85*** | ***URBANDALE CORPORATION***
SPRATT ROAD @ LIMEBANK ROAD
OTTAWA ON K1V 2N8 | ***GEN***

Generator No: ON7066643
SIC Code:
SIC Description:
Approval Years: As of Apr 2022
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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8 | ***1 of 3*** | ***ESE/53.5*** | ***89.9 / -1.85*** | ***Urbandale Realty Corporation Limited***
4001 Spratt Rd
Ottawa ON | ***CA***

Certificate #: 0694-8EKN52
Application Year: 2011
Issue Date: 3/7/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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8 | ***2 of 3*** | ***ESE/53.5*** | ***89.9 / -1.85*** | ***Urbandale Realty Corporation Limited***
4001 Spratt Rd
Ottawa ON K1G 2H5 | ***ECA***

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

Approval No:	1826-8VVLZV	**MOE District:**	
Approval Date:	2012-07-10	**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:	Urbandale Realty Corporation Limited		
Address:	4001 Spratt Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6859-8NXRLA-14.pdf		
PDF Site Location:			

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8 ***3 of 3*** ***ESE/53.5*** ***89.9 / -1.85*** ***Urbandale Realty Corporation Limited*** ***ECA***
4001 Spratt Rd
Ottawa ON K1G 2H5

Approval No:	0694-8EKN52	**MOE District:**	
Approval Date:	2011-03-07	**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:	Urbandale Realty Corporation Limited		
Address:	4001 Spratt Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7195-8CNS6N-14.pdf		
PDF Site Location:			

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9 ***1 of 2*** ***ESE/80.3*** ***89.9 / -1.78*** ***A and A Health Inc.*** ***GEN***
3771 Spratt Rd, Unit 10
Ottawa ON K1V 2P3

Generator No:	ON9463198	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	312 P
Waste Class Desc:	Pathological wastes

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9 ***2 of 2*** ***ESE/80.3*** ***89.9 / -1.78*** ***A and A Health Inc.*** ***GEN***
3771 Spratt Rd, Unit 10
Ottawa ON K1V 2P3

Generator No:	ON9463198	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Apr 2022	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class: 312 P
Waste Class Desc: PATHOLOGICAL WASTES

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10 **1 of 2** **E/83.2** **89.9 / -1.85** **4209 LIMEBANK ROAD OTTAWA ON** **WWIS**

Well ID: 7040010
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z52538
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 25-Jan-2007 00:00:00
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 7260
Form Version: 3
Owner:
County: OTTAWA
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7040010.pdf

Additional Detail(s) (Map)

Well Completed Date: 2006/11/24
Year Completed: 2006
Depth (m):
Latitude: 45.2919734181609
Longitude: -75.6729158371207
Path: 704\7040010.pdf

Bore Hole Information

Bore Hole ID: 11762326
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 24-Nov-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 447234.00
North83: 5015606.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 933312634
Layer: 2

Plug From: 6.75
Plug To: 7.619999885559082
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933312633
Layer: 1
Plug From: 0.0
Plug To: 6.75
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 967040010
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 11770016
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11848497
Diameter: 121.91999816894531
Depth From: 0.0
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 11762326
Depth M:
Year Completed: 2006
Well Completed Dt: 2006/11/24
Audit No: Z52538
Tag No:
Contractor: 7260
Path: 704\7040010.pdf
Latitude: 45.2919734181609
Longitude: -75.6729158371207

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10 ***2 of 2*** ***E/83.2*** ***89.9 / -1.85*** ***Ottawa-Carleton Catholic School Board***
4209 Limebank Rd North-east corner of Limebank Road and Spratt Road
Ottawa ON ***CA***

Certificate #: 8630-7GVKEK
Application Year: 2008
Issue Date: 8/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

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

Contaminants:
Emission Control:

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11 | **1 of 1** | **S/84.7** | **91.9 / 0.15** | **737 OWLS CABIN AVENUE GLOUCESTER ON K1V 1W9** | **HINC**

External File Num: FS INC 0611-04131
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 10/24/2006
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No 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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12 | **1 of 1** | **W/108.8** | **81.2 / -10.52** | **lot 16 con 1 ON** | **WWIS**

Well ID: 1501667
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 17-Jul-1952 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3725
Form Version: 1
Owner:
County: OTTAWA
Lot: 016
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501667.pdf

Additional Detail(s) (Map)

Well Completed Date: 1952/02/27
Year Completed: 1952
Depth (m): 27.7368
Latitude: 45.2895160471724

Longitude: -75.6939701303601
Path: 150\1501667.pdf

Bore Hole Information

Bore Hole ID: 10023710
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 27-Feb-1952 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 445580.70
North83: 5015347.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930992488
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992489
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 66.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992490
Layer: 3
Color:
General Color:

Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 66.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501667
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572280
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040264
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 84.0
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501667
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 28.0
Recommended Pump Depth:
Pumping Rate: 2.0
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: 933454391
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 83.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10023710
Depth M: 27.7368
Year Completed: 1952
Well Completed Dt: 1952/02/27
Audit No:
Tag No:
Contractor: 3725
Path: 150\1501667.pdf
Latitude: 45.2895160471724
Longitude: -75.6939701303601

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13 | **1 of 1** | **W/113.3** | **81.2 / -10.54** | **lot 16 con 1 ON** | **WWIS**

Well ID: 1504691
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06-May-1957 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3113
Form Version: 1
Owner:
County: OTTAWA
Lot: 016
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504691.pdf

Additional Detail(s) (Map)

Well Completed Date: 1957/05/02
Year Completed: 1957
Depth (m): 29.2608
Latitude: 45.2901903328038
Longitude: -75.6941058777888
Path: 150\1504691.pdf

Bore Hole Information

Bore Hole ID: 10026734
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02-May-1957 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Elevation:
Elevrc:
Zone: 18
East83: 445570.70
North83: 5015422.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931000185
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	82.0
Formation End Depth:	96.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931000184
Layer:	4
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	71.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931000182
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931000181
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931000183
Layer: 3
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 71.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504691
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575304
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930046200
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 96.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930046199
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 82.0
Casing Diameter: 4.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504691
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 30.0
Recommended Pump Depth:
Pumping Rate: 9.0
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: 933457997
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 96.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10026734
Depth M: 29.2608
Year Completed: 1957
Well Completed Dt: 1957/05/02
Audit No:
Tag No:
Contractor: 3113
Path: 150\1504691.pdf
Latitude: 45.2901903328038
Longitude: -75.6941058777888

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14 ***1 of 1*** ***W/113.3*** ***81.2 / -10.54*** ***ON*** ***BORE***

Borehole ID: 612116
OGF ID: 215513425
Status:
Type: Borehole
Use:
Completion Date: MAY-1957
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 29.3
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 86.3
Elev Reliabil Note:
DEM Ground Elev m: 87.8
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: 45.290191
Longitude DD: -75.694106
UTM Zone: 18
Easting: 445571
Northing: 5015422
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218390092
Top Depth: 0
Bottom Depth: 15.2
Material Color: White
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. WHITE.

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

Geology Stratum ID: 218390093
Top Depth: 15.2
Bottom Depth: 19.8
Material Color:
Material 1: Gravel
Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL,SAND.

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

Geology Stratum ID: 218390095
Top Depth: 21.6
Bottom Depth: 25
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: 218390096
Top Depth: 25
Bottom Depth: 29.3
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00096ROCK. SEISMIC VELOCITY = 15000. BEDROCK. SEISMIC VELOCITY = 17000.

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

Geology Stratum ID: 218390094
Top Depth: 19.8
Bottom Depth: 21.6
Material Color:
Material 1:
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: HARDPAN,GRAVEL.

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

Source Details: File: OTTAWA1.txt RecordID: 04624 NTS_Sheet:
Confiden 1:

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

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15 | ***1 of 1*** | ***E/114.5*** | ***89.9 / -1.85*** | ***4269 LIMEBANK ROAD lot 18 con 2 GLOUCESTER ON*** | ***WWIS***

Well ID: 1535501
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z19837
Tag: A019567
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 26-May-2005 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4877
Form Version: 3
Owner:
County: OTTAWA
Lot: 018
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535501.pdf

Additional Detail(s) (Map)

Well Completed Date: 2005/03/15
Year Completed: 2005
Depth (m): 58.52
Latitude: 45.2902895898572
Longitude: -75.6714804022116
Path: 153\1535501.pdf

Bore Hole Information

Bore Hole ID: 11316040
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 15-Mar-2005 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Elevation:
Elevrc:
Zone: 18
East83: 447345.00
North83: 5015418.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932996499
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 49.9010009765625
Formation End Depth: 58.52000045776367
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996497
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 13.720000267028809
Formation End Depth: 17.06999969482422
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996496
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 8.529999732971191
Formation End Depth: 13.720000267028809
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996498
Layer: 4
Color: 2
General Color: GREY
Mat1: 15

Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17.06999969482422
Formation End Depth:	49.9010009765625
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932996495
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.529999732971191
Formation End Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961535501
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11330895
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930855315
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	18.440000534057617
Depth To:	58.52000045776367
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	930855314
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	0.0
Depth To:	18.440000534057617
Casing Diameter:	15.880000114440918

Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11345464
Pump Set At: 50.0
Static Level: 3.490000009536743
Final Level After Pumping: 3.744999885559082
Recommended Pump Depth: 40.0
Pumping Rate: 45.0
Flowing Rate:
Recommended Pump Rate: 45.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11387421
Test Type: Draw Down
Test Duration: 3
Test Level: 3.7699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387412
Test Type: Draw Down
Test Duration: 25
Test Level: 3.7049999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387425
Test Type: Draw Down
Test Duration: 10
Test Level: 3.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387410
Test Type: Recovery
Test Duration: 60
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387419
Test Type: Recovery
Test Duration: 20
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387423
Test Type: Draw Down
Test Duration: 5
Test Level: 3.7200000286102295
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387426
Test Type: Recovery
Test Duration: 10
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387428
Test Type: Recovery
Test Duration: 1
Test Level: 3.3499999046325684
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387415
Test Type: Recovery
Test Duration: 30
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387422
Test Type: Recovery
Test Duration: 4
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387407
Test Type: Recovery
Test Duration: 40
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387411
Test Type: Recovery
Test Duration: 25
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387420
Test Type: Recovery
Test Duration: 3
Test Level: 3.309999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387405
Test Type: Draw Down
Test Duration: 30
Test Level: 3.7149999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387404
Test Type: Draw Down
Test Duration: 1
Test Level: 3.8499999046325684
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387409
Test Type: Recovery
Test Duration: 50
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387414
Test Type: Draw Down
Test Duration: 4
Test Level: 3.740000009536743
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387406
Test Type: Draw Down
Test Duration: 40
Test Level: 3.7300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387418
Test Type: Recovery
Test Duration: 15
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387427
Test Type: Draw Down
Test Duration: 15
Test Level: 3.694999933242798

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387429
Test Type: Draw Down
Test Duration: 20
Test Level: 3.700000047683716
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387413
Test Type: Draw Down
Test Duration: 60
Test Level: 3.744999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387416
Test Type: Recovery
Test Duration: 2
Test Level: 3.3299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387417
Test Type: Draw Down
Test Duration: 2
Test Level: 3.809999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387424
Test Type: Recovery
Test Duration: 5
Test Level: 3.299999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11387408
Test Type: Draw Down
Test Duration: 50
Test Level: 3.734999895095825
Test Level UOM: m

Water Details

Water ID: 934060182
Layer: 1
Kind Code:
Kind:
Water Found Depth: 55.97999954223633
Water Found Depth UOM: m

Hole Diameter

Hole ID:	11533542
Diameter:	25.079999923706055
Depth From:	0.0
Depth To:	18.440000534057617
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	11533541
Diameter:	15.550000190734863
Depth From:	18.440000534057617
Depth To:	58.52000045776367
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	11316040	***Tag No:***	A019567
Depth M:	58.52	***Contractor:***	4877
Year Completed:	2005	***Path:***	153\1535501.pdf
Well Completed Dt:	2005/03/15	***Latitude:***	45.2902895898572
Audit No:	Z19837	***Longitude:***	-75.6714804022116

16 ***1 of 1*** ***W/122.4*** ***81.1 / -10.64*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1501669	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	14-Dec-1966 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1503
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501669.pdf

Additional Detail(s) (Map)

Well Completed Date:	1966/10/05
Year Completed:	1966
Depth (m):	30.48
Latitude:	45.2904153529532
Longitude:	-75.6941086225305
Path:	150\1501669.pdf

Bore Hole Information

Bore Hole ID:	10023712	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445570.70
Code OB Desc:		**North83:**	5015447.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	05-Oct-1966 00:00:00	**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:	930992496
Layer:	3
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992495
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992494
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992497
Layer: 4
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 82.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501669
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572282
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040267
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040266
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501669
Pump Set At:	
Static Level:	37.0
Final Level After Pumping:	47.0
Recommended Pump Depth:	80.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454393
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10023712	***Tag No:***	
Depth M:	30.48	***Contractor:***	1503
Year Completed:	1966	***Path:***	150\1501669.pdf
Well Completed Dt:	1966/10/05	***Latitude:***	45.2904153529532
Audit No:		***Longitude:***	-75.6941086225305

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	*1 of 1*	*ESE/128.1*	*89.9 / -1.85*	***PIPELINE HIT*** ***4460 LIMEBANK ROAD,,OTTAWA,ON,K1V 2N8,*** ***CA*** ***ON***	***PINC***

Incident Id:		***Pipe Material:***	
Incident No:	957718	***Fuel Category:***	
Incident Reported Dt:	12/4/2012	***Health Impact:***	
Type:	FS-Pipeline Incident	***Environment Impact:***	
Status Code:		***Property Damage:***	
Tank Status:	Pipeline Damage Reason Est	***Service Interrupt:***	
Task No:		***Enforce Policy:***	
Spills Action Centre:		***Public Relation:***	
Fuel Type:		***Pipeline System:***	
Fuel Occurrence Tp:		***PSIG:***	
Date of Occurrence:		***Attribute Category:***	
Occurrence Start Dt:		***Regulator Location:***	
Depth:		***Method Details:***	
Customer Acct Name:	PIPELINE HIT		
Incident Address:	4460 LIMEBANK ROAD,,OTTAWA,ON,K1V 2N8,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			

Damage Reason:
Notes:

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18 ***1 of 1*** ***W/135.5*** ***80.9 / -10.85*** ***ON*** ***BORE***

Borehole ID:	612114	***Inclin FLG:***	No
OGF ID:	215513423	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1954	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.288933
Total Depth m:	25.6	***Longitude DD:***	-75.693836
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445591
Drill Method:		***Northing:***	5015282
Orig Ground Elev m:	86.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	87.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218390089	***Mat Consistency:***	
Top Depth:	21.3	***Material Moisture:***	
Bottom Depth:	25.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL. 0007000107SEISMIC VELOCITY = 6100. BEDROCK. SEISMIC VELOCITY = 15000. BEDROCK. S **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218390088	***Mat Consistency:***	Hard
Top Depth:	12.2	***Material Moisture:***	
Bottom Depth:	21.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,HARDPAN.		

Geology Stratum ID:	218390087	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	12.2	***Material Texture:***	
Material Color:	White	***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. WHITE.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04622 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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19 ***1 of 1*** ***W/135.6*** ***80.9 / -10.85*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1501668	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12-Jul-1955 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3113
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501668.pdf

Additional Detail(s) (Map)

Well Completed Date:	1954/06/07
Year Completed:	1954
Depth (m):	25.6032
Latitude:	45.2889317693683
Longitude:	-75.6938354836541
Path:	150\1501668.pdf

Bore Hole Information

Bore Hole ID:	10023711	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445590.70
Code OB Desc:		***North83:***	5015282.00

Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 5
Date Completed: 07-Jun-1954 00:00:00 ***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: 930992492
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 14
Mat2 Desc: HARDPAN
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992493
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992491
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961501668
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572281
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930040265
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	84.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501668
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933454392
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10023711	***Tag No:***	
Depth M:	25.6032	***Contractor:***	3113
Year Completed:	1954	***Path:***	150\1501668.pdf
Well Completed Dt:	1954/06/07	***Latitude:***	45.2889317693683
Audit No:		***Longitude:***	-75.6938354836541

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	W/155.3	81.0 / -10.76	lot 16 con 1 ON	WWIS

Well ID:	1501665	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05-Nov-1956 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1603
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501665.pdf

Additional Detail(s) (Map)

Well Completed Date:	1956/07/11
Year Completed:	1956
Depth (m):	33.2232
Latitude:	45.2908650057179
Longitude:	-75.6941778703204
Path:	150\1501665.pdf

Bore Hole Information

Bore Hole ID:	10023708	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445565.70
Code OB Desc:		**North83:**	5015497.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11-Jul-1956 00:00:00	**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:	930992483
Layer:	3
Color:	
General Color:	
Mat1:	13

Most Common Material: BOULDERS
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 61.0
Formation End Depth: 79.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992482
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992484
Layer: 4
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 79.0
Formation End Depth: 109.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992481
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501665
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572278
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040260
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 79.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040261
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 109.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501665
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 28.0
Recommended Pump Depth:
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454389
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 109.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10023708
Depth M: 33.2232
Year Completed: 1956
Well Completed Dt: 1956/07/11
Audit No:
Tag No:
Contractor: 1603
Path: 150\1501665.pdf
Latitude: 45.2908650057179
Longitude: -75.6941778703204

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21 **1 of 1** **W/155.4** **81.0 / -10.76** **ON** **BORE**

Borehole ID: 612118
OGF ID: 215513427
Status:
Type: Borehole
Use:
Completion Date: JUL-1956
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 33.2
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 85.3
Elev Reliabil Note:
DEM Ground Elev m: 86.6
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: 45.290866
Longitude DD: -75.694178
UTM Zone: 18
Easting: 445566
Northing: 5015497
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218390101
Top Depth: 0
Bottom Depth: 17.7
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218390103
Top Depth: 18.6
Bottom Depth: 24.1
Material Color:
Material 1: Boulders
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BOULDERS,GRAVEL.
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218390102
Top Depth: 17.7
Bottom Depth: 18.6
Material Color:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:

Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218390104	**Mat Consistency:**	
Top Depth:	24.1	**Material Moisture:**	
Bottom Depth:	33.2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Sandstone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SANDSTONE. 00109STONE. GREY. 00091ROCK. SEISMIC VELOCITY = 15000. BEDROCK. SEISMIC VEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04626 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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22 | ***1 of 1*** | ***E/155.8*** | ***89.9 / -1.85*** | ***4269 LIMEBANK RD OTTAWA ON*** | ***WWIS***

Well ID:	1536379	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	06-Jun-2006 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z45501	**Contractor:**	6894
Tag:		**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536379.pdf

Additional Detail(s) (Map)

Well Completed Date: 2006/04/27
Year Completed: 2006
Depth (m):
Latitude: 45.2905261600945
Longitude: -75.6710496084116
Path: 153\1536379.pdf

Bore Hole Information

Bore Hole ID: 11550445
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 27-Apr-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 447379.00
North83: 5015444.00
Org CS: G83a
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Method of Construction & Well Use

Method Construction ID: 961536379
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11560052
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11681152
Diameter: 20.0
Depth From: 0.0
Depth To: 7.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 11550445
Depth M:
Year Completed: 2006
Well Completed Dt: 2006/04/27
Audit No: Z45501

Tag No:
Contractor: 6894
Path: 153\1536379.pdf
Latitude: 45.2905261600945
Longitude: -75.6710496084116

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	W/167.5	80.8 / -10.89	lot 16 con 1 ON	WWIS

Well ID:	1500289	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	17-May-1966 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500289.pdf

Additional Detail(s) (Map)

Well Completed Date:	1966/04/19
Year Completed:	1966
Depth (m):	28.0416
Latitude:	45.2908184513118
Longitude:	-75.6944323539292
Path:	150\1500289.pdf

Bore Hole Information

Bore Hole ID:	10022334	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445545.70
Code OB Desc:		**North83:**	5015492.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	19-Apr-1966 00:00:00	**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:	930988865
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930988866
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 92.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930988864
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500289
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10570904
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037601
Layer: 1
Material: 1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	90.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930037602
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	92.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500289
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	80.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
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:	933452802
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	92.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022334	***Tag No:***	
Depth M:	28.0416	***Contractor:***	1802
Year Completed:	1966	***Path:***	150\1500289.pdf
Well Completed Dt:	1966/04/19	***Latitude:***	45.2908184513118
Audit No:		***Longitude:***	-75.6944323539292

24	***1 of 1***	***W/182.8***	***79.9 / -11.85***	***ON***	***BORE***

Borehole ID:	612121	***Inclin FLG:***	No
OGF ID:	215513430	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No

Use:		**Primary Name:**	
Completion Date:	AUG-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.291546
Total Depth m:	-999	**Longitude DD:**	-75.693357
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445631
Drill Method:		**Northing:**	5015572
Orig Ground Elev m:	77.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	79.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218390114	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 10500. BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BROWN,G **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218390112	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 1300.		

Geology Stratum ID:	218390113	**Mat Consistency:**	
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 2200.		

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:	L	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04629 NTS_Sheet:		
Confiden 1:	Gives some indication of sub-surface condition but material is unknown.		

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		

25 ***1 of 1*** ***WNW/204.5*** ***89.9 / -1.82*** ***ON*** ***BORE***

Borehole ID:	612129	***Inclin FLG:***	No
OGF ID:	215513438	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	AUG-1970	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.293373
Total Depth m:	-999	***Longitude DD:***	-75.689043
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445971
Drill Method:		***Northing:***	5015772
Orig Ground Elev m:	89	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	88.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218390133	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 1100.		

Geology Stratum ID:	218390135	***Mat Consistency:***	
Top Depth:	25.6	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 16000. BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BROWN,G **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218390134	***Mat Consistency:***	
Top Depth:	2.1	***Material Moisture:***	
Bottom Depth:	25.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	

Material 2: **Geologic Group:**
Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: UNSPECIFIED. SEISMIC VELOCITY = 4500.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: L
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 04637 NTS_Sheet:
Confiden 1: Gives some indication of sub-surface condition but material is unknown.
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

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26 **1 of 1** **W/204.8** **81.9 / -9.85** **ON** **BORE**

Borehole ID: 612113
OGF ID: 215513422
Status:
Type: Borehole
Use:
Completion Date: APR-1958
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 32.6
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 86
Elev Reliabil Note:
DEM Ground Elev m: 88.3
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: 45.288613
Longitude DD: -75.694597
UTM Zone: 18
Easting: 445531
Northing: 5015247
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218390084
Top Depth: 0
Bottom Depth: 9.1
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:	218390085	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	25.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,BOULDERS.		

Geology Stratum ID:	218390086	**Mat Consistency:**	
Top Depth:	25.6	**Material Moisture:**	
Bottom Depth:	32.6	**Material Texture:**	
Material Color:	White	**Non Geo Mat Type:**	
Material 1:	Sandstone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SANDSTONE. WHITE. 00107SEISMIC VELOCITY = 6100. BEDROCK. SEISMIC VELOCITY = 15000. BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04621 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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27 | ***1 of 1*** | ***W/204.8*** | ***81.9 / -9.85*** | ***lot 16 con 1 ON*** | ***WWIS***

Well ID:	1501666	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	20-May-1958 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1603
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	016
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	

Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501666.pdf

Additional Detail(s) (Map)

Well Completed Date:	1958/04/03
Year Completed:	1958
Depth (m):	32.6136
Latitude:	45.2886120906954
Longitude:	-75.6945967109778
Path:	150\1501666.pdf

Bore Hole Information

Bore Hole ID:	10023709	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445530.70
Code OB Desc:		***North83:***	5015247.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	03-Apr-1958 00:00:00	***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:	930992487
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	84.0
Formation End Depth:	107.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992485
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992486
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501666
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572279
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040262
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 87.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040263
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 107.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501666
Pump Set At:	
Static Level:	19.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	
Pumping Rate:	8.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454390
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	107.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10023709	***Tag No:***	
Depth M:	32.6136	***Contractor:***	1603
Year Completed:	1958	***Path:***	150\1501666.pdf
Well Completed Dt:	1958/04/03	***Latitude:***	45.2886120906954
Audit No:		***Longitude:***	-75.6945967109778

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28 ***1 of 1*** ***ESE/214.3*** ***89.9 / -1.85*** ***ON*** ***BORE***

Borehole ID:	612108	***Inclin FLG:***	No
OGF ID:	215513417	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	NOV-1957	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.287086
Total Depth m:	17.4	***Longitude DD:***	-75.671369
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	447351
Drill Method:		***Northing:***	5015062
Orig Ground Elev m:	91.1	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	90.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218390073	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	12.8	**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:	218390074	**Mat Consistency:**	
Top Depth:	12.8	**Material Moisture:**	
Bottom Depth:	17.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00057Y = 1200. UNSPECIFIED. SEISMIC VELOCITY = 6100. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04616 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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29 | ***1 of 1*** | ***ESE/214.4*** | ***89.9 / -1.85*** | ***lot 19 con 1 ON*** | ***WWIS***

Well ID:	1500867	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	26-Nov-1957 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3601
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	019
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	

Clear/Cloudy: ***UTM Reliability:***
Municipality: GLOUCESTER TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500867.pdf

Additional Detail(s) (Map)

Well Completed Date: 1957/11/06
Year Completed: 1957
Depth (m): 17.3736
Latitude: 45.2870857216568
Longitude: -75.6713686393785
Path: 150\1500867.pdf

Bore Hole Information

Bore Hole ID:	10022910	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	447350.80
Code OB Desc:		***North83:***	5015062.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06-Nov-1957 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

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

Overburden and Bedrock Materials Interval

Formation ID: 930990427
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930990428
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500867
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571480
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038713
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038714
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 57.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500867
Pump Set At:
Static Level: 9.0
Final Level After Pumping: 14.0
Recommended Pump Depth:
Pumping Rate: 6.0
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:	933453450
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022910	***Tag No:***	
Depth M:	17.3736	***Contractor:***	3601
Year Completed:	1957	***Path:***	150\1500867.pdf
Well Completed Dt:	1957/11/06	***Latitude:***	45.2870857216568
Audit No:		***Longitude:***	-75.6713686393785

30 ***1 of 1*** ***NW/214.9*** ***90.9 / -0.85*** ***lot 16 con 1 ON*** ***WWIS***

Well ID:	1501684	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	18-Jul-1956 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3566
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	016
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501684.pdf

Additional Detail(s) (Map)

Well Completed Date:	1956/07/13
Year Completed:	1956
Depth (m):	32.004
Latitude:	45.2950623465339
Longitude:	-75.6847914696186
Path:	150\1501684.pdf

Bore Hole Information

Bore Hole ID:	10023727	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446305.70
Code OB Desc:		***North83:***	5015957.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 13-Jul-1956 00:00:00
UTMRC Desc: unknown UTM
Remarks:
Location Method: p9
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930992533
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 82.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992532
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992531
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501684
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572297
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040296
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 105.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040295
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 85.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501684
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 22.0
Recommended Pump Depth:
Pumping Rate: 10.0
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: 933454408
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 105.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10023727
Depth M: 32.004
Year Completed: 1956
Well Completed Dt: 1956/07/13
Audit No:
Tag No:
Contractor: 3566
Path: 150\1501684.pdf
Latitude: 45.2950623465339
Longitude: -75.6847914696186

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31 **1 of 1** **NW/214.9** **90.9 / -0.85** **ON** **BORE**

Borehole ID: 612134
OGF ID: 215513443
Status:
Type: Borehole
Use:
Completion Date: JUL-1956
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 32
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 89
Elev Reliabil Note:
DEM Ground Elev m: 90.4
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: 45.295063
Longitude DD: -75.684791
UTM Zone: 18
Easting: 446306
Northing: 5015957
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218390149
Top Depth: 19.8
Bottom Depth: 25
Material Color:
Material 1:
Material 2: Boulders
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: HARDPAN,BOULDERS.
Mat Consistency: Hard
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218390148
Top Depth: 0
Bottom Depth: 19.8
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: 218390150
Top Depth: 25
Bottom Depth: 32
Material Color: Grey
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:

Material 1:	Sandstone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SANDSTONE. 00105,SAND. GREY. LIMESTONE. GREY. 00087ISMIC VELOCITY = 16000. BEDROCK.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04642 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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32 | ***1 of 1*** | ***E/215.6*** | ***90.9 / -0.85*** | ***MERKLEY'S QUARRY*** | ***AMIS***

GLOUCESTER ON

Site Access Code:		**Prog Rehab Plan:**	UNK
AMIS Distr Code:		**Revegetation:**	
Abandoned Mine ID:	07677	**Veg Condition:**	
Old MDI ID:		**Veg Descr:**	
New MDI ID:	MDI31G05NE00032	**Chemical Doc:**	
Mine Status:	ABANDONED	**Jurisdiction:**	A.R.A.
Mine Plan/Section:	UNK	**Lot No:**	18
Site Class:	C	**Concession:**	2
Clos Reason Code:		**Zone:**	18
Closure Plan:	UNK	**Northing:**	5015373
Prim Commod Code:		**Easting:**	447477
Primary Commodity:	SHALE (STRUCTURAL MATERIALS)	**Mine Closure Reaso:**	
Operational Access:	N/A	**AMIS District:**	TWEED
Date Entered:	5/28/2018	**District Desc:**	TWEED
Date Last Modified:	9/24/2018	**Animal Desc:**	
Effective Date:		**Status Type Code:**	
Start Year:		**Long Name:**	
End Year:		**NTS No:**	31G05NE
Evid of Site Conta:		**Latitude:**	45.28989
Evid of Sulphide:		**Longitude:**	-75.66979
Evid Animals Pres:			
Hyper Link:	https://www.geologyontario.mndm.gov.on.ca/mndmfiles/amis/data/records/07677.html		
Mine Features Desc:			
AMIS Bkgrd Info:	COMMODITY: STONE. POINT 2.2 KM E OF HONEYGABLES		
Alternate Name:			

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33 | ***1 of 1*** | ***E/215.8*** | ***90.9 / -0.85*** | ***Merkley*** | ***MNR***

ON

MDI No:	MDI31G05NE00032	**Twp Area:**	Gloucester

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

OGF ID:		**Dep Class:**	
Deposit Status:		**Zone:**	
Claim Map:		**Easting:**	
Geological Dstrct:	Southern Ontario	**Northing:**	
Mining Division:		**Effective Dt/time:**	
Name:	Merkley	**Date Last Modified:**	
P Commod:	SHALE (STRUCTURAL MATERIAL)	**Geo Update Dt/time:**	
S Commod:		**Class Sub Type No:**	
Latitude:	45.289894	**Status:**	Past Producing Mine Without Reserves or Resources
Longitude:	-75.669789		
Class Sub Type:			
Source Map:			

Detail: http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31G05NE00032.html
All Names: Merkley, Merkley's
Access Description: N/A

34	1 of 1	W/219.9	78.2 / -13.57	lot 15 con 1 ON	WWIS

Well ID:	1500288	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	17-May-1965 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1503
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500288.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/04/26
Year Completed:	1965
Depth (m):	35.052
Latitude:	45.2914481199014
Longitude:	-75.6945038019288
Path:	150\1500288.pdf

Bore Hole Information

Bore Hole ID:	10022333	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445540.70
Code OB Desc:		**North83:**	5015562.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	26-Apr-1965 00:00:00	**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: 930988863
Layer: 4
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 115.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930988862
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930988861
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930988860

Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500288
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10570903
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037600
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 115.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037599
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 84.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500288
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 90.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0

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

Water Details

Water ID:	933452801
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	114.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10022333	**Tag No:**	
Depth M:	35.052	**Contractor:**	1503
Year Completed:	1965	**Path:**	150\1500288.pdf
Well Completed Dt:	1965/04/26	**Latitude:**	45.2914481199014
Audit No:		**Longitude:**	-75.6945038019288

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35 | ***1 of 1*** | ***W/225.9*** | ***79.9 / -11.82*** | ***Intersection of Leitrim Road and River Road Ottawa ON*** | ***EHS***

Order No:	21020200349	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	05-FEB-21	**Search Radius (km):**	.25
Date Received:	02-FEB-21	**X:**	-75.6940361
Previous Site Name:		**Y:**	45.2917322
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

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36 | ***1 of 1*** | ***N/227.4*** | ***92.9 / 1.15*** | ***ON*** | ***BORE***

Borehole ID:	612141	**Inclin FLG:**	No
OGF ID:	215513450	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.297205
Total Depth m:	-999	**Longitude DD:**	-75.680289
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446661
Drill Method:		**Northing:**	5016192
Orig Ground Elev m:	90.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	91.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218390169	***Mat Consistency:***	
Top Depth:	20.1	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 15100. BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BROWN,G **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218390168	***Mat Consistency:***	
Top Depth:	1.8	***Material Moisture:***	
Bottom Depth:	20.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 4600.		

Geology Stratum ID:	218390167	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Unknown	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 1000.		

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:	L	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04649 NTS_Sheet:		
Confiden 1:	Gives some indication of sub-surface condition but material is unknown.		

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		

37	***1 of 1***	***W/228.7***	***80.0 / -11.68***	***lot 15 con 1 ON***	***WWIS***

Well ID:	1504692	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	

Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06-Mar-1956 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: GLOUCESTER TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504692.pdf

Additional Detail(s) (Map)

Well Completed Date: 1956/01/18
Year Completed: 1956
Depth (m): 36.8808
Latitude: 45.2915835196454
Longitude: -75.6944416907766
Path: 150\1504692.pdf

Bore Hole Information

Bore Hole ID:	10026735	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445545.70
Code OB Desc:		**North83:**	5015577.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	18-Jan-1956 00:00:00	**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: 931000186
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931000188
Layer:	3
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	91.0
Formation End Depth:	121.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931000187
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	91.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504692
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10575305
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930046202
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	121.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930046201
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	91.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504692
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457998
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10026735	***Tag No:***	
Depth M:	36.8808	***Contractor:***	1802
Year Completed:	1956	***Path:***	150\1504692.pdf
Well Completed Dt:	1956/01/18	***Latitude:***	45.2915835196454
Audit No:		***Longitude:***	-75.6944416907766

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38 ***1 of 1*** ***W/234.8*** ***80.6 / -11.15*** ***lot 15 con 1 ON*** ***WWIS***

Well ID:	1501654	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	04-Sep-1956 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1802
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA

Elevatn Reliabilty:		**Lot:**	015
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501654.pdf

Additional Detail(s) (Map)

Well Completed Date:	1956/06/03
Year Completed:	1956
Depth (m):	19.812
Latitude:	45.2924513702276
Longitude:	-75.6923480468637
Path:	150\1501654.pdf

Bore Hole Information

Bore Hole ID:	10023697	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445710.70
Code OB Desc:		**North83:**	5015672.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	03-Jun-1956 00:00:00	**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:	930992449
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992450
Layer:	3
Color:	

General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992448
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501654
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572267
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040238
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 65.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040237
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	64.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501654
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454377
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10023697	**Tag No:**	
Depth M:	19.812	**Contractor:**	1802
Year Completed:	1956	**Path:**	150\1501654.pdf
Well Completed Dt:	1956/06/03	**Latitude:**	45.2924513702276
Audit No:		**Longitude:**	-75.6923480468637

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39 ***1 of 2*** ***E/249.9*** ***90.9 / -0.85*** ***Ottawa-Carleton Catholic School Board*** ***CA***
4109 Limebank Rd Part of Lot 18, Concession 2,
Rideau Front
Ottawa ON

Certificate #:	3073-7AWMU4
Application Year:	2008
Issue Date:	2/28/2008
Approval Type:	Municipal and Private Sewage Works
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	2 of 2	E/249.9	90.9 / -0.85	Ottawa-Carleton Catholic School Board 4109 Limebank Rd Part of Lot 18, Concession 2 Ottawa ON K2G 3R4	ECA

Approval No:	3073-7AWMU4	**MOE District:**	
Approval Date:	2008-02-28	**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:	Ottawa-Carleton Catholic School Board		
Address:	4109 Limebank Rd Part of Lot 18, Concession 2		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2823-7AVLH8-14.pdf		
PDF Site Location:			

Unplottable Summary

Total: 65 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	D & H Rivington Enterprises Inc.	Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o	Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	City of Ottawa	Limebank Road from Leitrim Road to Spratt Rd	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	

CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	The Corporation of the City of Ottawa	Lot 18, Conc. 2 (Rideau Front)	Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	South Ottawa Collector	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Gloucester ON	
CA		Part of Lot 18 and 19, Concession 1, Spratt Road	Gloucester ON	
CA		Part of Lot 18 and 19, Concession 1, Spratt Road	Gloucester ON	
CA	South Ottawa Collector	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Gloucester ON	
CA		Lot 18, Conc. 2, Longfields Subdivivion - Kilbarron / Beatrice Site	Ottawa ON	
CA		Lot 18, Conc. 2, Longfields Subdivivion - Kilbarron / Beatrice Site	Ottawa ON	
CA	South Ottawa Collector	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Ottawa ON	
CA	Claridge Point West	Part of Lot 18, Concession 2, Rideau Front	Ottawa ON	
CA	Claridge Point West	Part of Lot 18, Concession 2, Rideau Front	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	LOT 15, CONC.1, S. URBAN COMM.	GLOUCESTER CITY ON	
CA	FINE FLOWERS LTD.	R.R. #1 RIVER RD.	GLOUCESTER CITY ON	
EBR	Riverside South Development Corporation (RSDC)		ON	
ECA	City of Ottawa	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Ottawa ON	K1P 1J1
ECA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	K1R 7Y2
ECA	Riverside South Development Corp.		Ottawa ON	K1G 2H5

ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	The Regional Municipality of Ottawa-Carleton	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Gloucester ON	K2P 2L7
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	The Regional Municipality of Ottawa-Carleton	Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3	Gloucester ON	K2P 2L7
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	K1R 7Y2
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	K1R 7Y2
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	City of Ottawa	Limebank Road from Leitrim Road to Spratt Rd	Ottawa ON	K2G 6J8
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
EHS		Leitrim Road	Ottawa ON	
GEN	GVT. OF CAN. - ENVIRONMENT CANADA	RIVER RD. ENVIRONMENTAL TECHNOLOGY CTR. C/O 140 PROMENADE DU PORTAGE, PHASE IV	OTTAWA ON	K1A 0M3
GEN	TRANSPORT CANADA - AKPP	GLOUCESTER LANDFILL WASTE SITE LEITRIM ROAD	GLOUCESTER ON	K1V 9B5
GEN	GLOUCESTER, CITY OF	LEITRIM ROAD P.O. BOX 8333	GLOUCESTER ON	
GEN	ROBADAIR LTD.	BAY 6, 9 LIMEBANK ROAD - GLOUCESTER C/O BOX 5071, STATION "F"	OTTAWA ON	K2C 3H3
GEN	SNC-Lavalin Constructors (Pacific) Inc.	Limebank Road	Ottawa ON	K1X 1G1
NCPL	City of Ottawa - Clarke Bellinger Stormwater	Lot 16, 17 & 18, Conc 1, Rideau Front	Ottawa ON	
NPCB	ENVIRONMENT CANADA	RIVER ROAD LABS	OTTAWA ON	K1A 0H3
PTTW	Clublink Capital Corporation	Lot 18 through 21, Concession II, Ottawa (geographic Township of Cumberland) Cumberland	ON	

SPL		Leitrim Rd	Ottawa ON
SPL	FINES FLOUR	RIVER RD. GLOUCESTER GLOUCESTER PLANT RIVER ROAD	GLOUCESTER CITY ON
SPL	HYDRO ONE	LOT 16, CONC. 1, FORMER CUMBERLAND TOWNSHIP ROAD ALLOWANCE TRANSFORMER	OTTAWA CITY ON

Unplottable Report

Site: ***Riverside South Development Corp.***
Ottawa ON

Database: ***CA***

Certificate #: 8169-8G5KMV
Application Year: 2011
Issue Date: 5/5/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Riverside South Development Corp.***
Ottawa ON

Database: ***CA***

Certificate #: 7653-8EJM3S
Application Year: 2011
Issue Date: 3/7/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 9817-7WNR3C
Application Year: 2009
Issue Date: 10/15/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***D & H Rivington Enterprises Inc.***
Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o Ottawa ON

Database: ***CA***

Certificate #: 9743-6HTRXS

Application Year: 2005
Issue Date: 11/7/2005
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: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 9080-5UYQRL
Application Year: 2004
Issue Date: 1/8/2004
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: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 8787-5YQRUU
Application Year: 2004
Issue Date: 5/10/2004
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: ***City of Ottawa***
Limebank Road from Leitrim Road to Spratt Rd Ottawa ON

Database: ***CA***

Certificate #: 8399-7YKTTC
Application Year: 2009
Issue Date: 12/18/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 8145-7TYK8L
Application Year: 2009
Issue Date: 7/17/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 7432-7UVKBU
Application Year: 2009
Issue Date: 8/13/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Riverside South Development Corp.***
Ottawa ON

Database: ***CA***

Certificate #: 7037-6MXLUE
Application Year: 2006
Issue Date: 3/18/2006
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: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 6829-6Y7RQX
Application Year: 2007
Issue Date: 2/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 6111-5L8MWE
Application Year: 2003
Issue Date: 4/3/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 5942-6BWPUR
Application Year: 2005
Issue Date: 5/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 3841-632P4R
Application Year: 2004
Issue Date: 7/20/2004
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: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 3681-7QWNXY
Application Year: 2009

Issue Date: 4/9/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 2869-6KVTJC
Application Year: 2006
Issue Date: 1/12/2006
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: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 2169-5WVM7Y
Application Year: 2004
Issue Date: 3/12/2004
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: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 2160-765JJX
Application Year: 2007
Issue Date: 8/16/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 1998-6Y7KJ9
Application Year: 2007
Issue Date: 2/12/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 1915-5L8Q54
Application Year: 2003
Issue Date: 5/7/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 1830-6H3P2S
Application Year: 2005
Issue Date: 10/14/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 1712-6N6RR7
Application Year: 2006
Issue Date: 3/27/2006
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: ***The Corporation of the City of Ottawa***
Lot 18, Conc. 2 (Rideau Front) Ottawa ON

Database: ***CA***

Certificate #: 1336-8BVR72
Application Year: 2010
Issue Date: 12/15/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 1207-5YPRH9
Application Year: 2004
Issue Date: 5/6/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Urbandale Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 1130-6BLHGE
Application Year: 2005
Issue Date: 4/21/2005
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: ***South Ottawa Collector***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Gloucester ON

Database: ***CA***

Certificate #: 7728-4QAG7M
Application Year: 00
Issue Date: 10/20/00

Approval Type: Industrial air
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street, Heritage Building, N.W. Office
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Odour Control Systems
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Part of Lot 18 and 19, Concession 1, Spratt Road Gloucester ON

Certificate #: 0122-4NFJF4
Application Year: 00
Issue Date: 8/22/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Construction of watermains on Spratt Road from Goldeneye Way to HallowTrail Gate.
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Part of Lot 18 and 19, Concession 1, Spratt Road Gloucester ON

Certificate #: 0131-4NFJN4
Application Year: 00
Issue Date: 8/22/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Construction of sanitary and storm sewers on Spratt Road from Goldeneye Way to Hallow Trail Gate.
Contaminants:
Emission Control:

Site: ***South Ottawa Collector*** ***Database:*** ***CA***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Gloucester ON

Certificate #: 3-0993-86-006
Application Year: 00
Issue Date: 10/12/00
Approval Type: Municipal & Private sewage
Status: Revoked and/or Replaced
Application Type: Notice
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar St., Heritage Bldg.,1st Fl., N/W Office
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: This amendment is for modification to the South Ottawa Tunnel trunk sewer. These modification include preliminary grit and screening removal, conversion to open channel flow and solids conveyance, modifications to the ROPEC riser shaft to allow it to operate as a pump station and odour and corrosion control at the upstream drop shaft and downstream riser shaft.
Contaminants:
Emission Control:

Site: ***Database:***
Lot 18, Conc. 2, Longfields Subdivivion - Kilbarron / Beatrice Site Ottawa ON ***CA***

Certificate #:	5544-4XMK2C
Application Year:	01
Issue Date:	6/19/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	101 Centrepointe Drive
Client City:	Ottawa
Client Postal Code:	K2G 5K7
Project Description:	Construction of watermains on Clenning Street and Letourneau Street
Contaminants:	
Emission Control:	

Site: ***Database:***
Lot 18, Conc. 2, Longfields Subdivivion - Kilbarron / Beatrice Site Ottawa ON ***CA***

Certificate #:	2570-4XMJSR
Application Year:	01
Issue Date:	6/19/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	101 Centrepointe Drive
Client City:	Ottawa
Client Postal Code:	K2G 5K7
Project Description:	Construction of sanitary and storm sewers on Clenning Street and Letourneau Street.
Contaminants:	
Emission Control:	

Site: ***South Ottawa Collector*** ***Database:***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Ottawa ON ***CA***

Certificate #:	5781-5D7RDZ
Application Year:	02
Issue Date:	9/13/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	Amended CofA
Client Name:	City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	City of Ottawa
Client Postal Code:	K1P 1J1
Project Description:	Enhanced flow control and flooding protection for the Green Creek Collector and provide further reduction in the potential to divert sediments to the South Ottawa Tunnel (SOT) by reducing the accumulation of grit within the upstream Green Creek Collector and Walkley Chamber.
Contaminants:	
Emission Control:	

Site: ***Claridge Point West*** ***Database:***
Part of Lot 18, Concession 2, Rideau Front Ottawa ON ***CA***

Certificate #:	6961-57WT5M
Application Year:	02
Issue Date:	3/8/02
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval

Client Name: Claridge Homes Corporation
Client Address: 210 Gladstone Avenue
Client City: Ottawa
Client Postal Code:
Project Description: Construction of Watermains
Contaminants:
Emission Control:

Site: ***Claridge Point West***
Part of Lot 18, Concession 2, Rideau Front Ottawa ON

Database: ***CA***

Certificate #: 3590-57WTBK
Application Year: 02
Issue Date: 3/8/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes Corporation
Client Address: 210 Gladstone Avenue
Client City: Ottawa
Client Postal Code:
Project Description: Construction Storm & Sanitary Sewers
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
LOT 15, CONC.1, S. URBAN COMM. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 8-4026-95-000
Application Year: 95
Issue Date: 1/29/96
Approval Type: Industrial air
Status: Application Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***FINE FLOWERS LTD.***
R.R. #1 RIVER RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 8-4065-86-
Application Year: 86
Issue Date: 3/16/1987
Approval Type: Industrial air
Status: Nullity, letter of concurrence issued
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WOOD FIRED BOILER
Contaminants:
Emission Control:

Site: ***Riverside South Development Corporation (RSDC)***
ON

Database: ***EBR***

EBR Registry No: 012-7921
Ministry Ref No: MNRF INST 49/16
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 13, 2017
Proposal Date: June 14, 2016
Year: 2016
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Riverside South Development Corporation (RSDC)
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2193 Arch Street, Ottawa Ontario, Canada K1G 3H5
Comment Period:
URL:

Site Location Details:

Part of Lots 21 - 23, Concession 1 (Rideau Front) of the Geographic Township of Gloucester. RSDC Phase 13 includes approximately 49 hectares located east of Spratt Road and south of Earl Armstrong Road in southeastern Ottawa, Ontario. CITY OF OTTAWA

Site: ***City of Ottawa***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Ottawa ON K1P 1J1

Database: ***ECA***

Approval No: 5781-5D7RDZ
Approval Date: 2002-09-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6977-5ATUWY-14.pdf
PDF Site Location:

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 7864-5L2TU4
Approval Date: 2003-04-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: Minto Developments Inc.
Address: Lot 19, Concession 1
Full Address:
Full PDF Link:
PDF Site Location:

Site: ***Riverside South Development Corp.***
Ottawa ON K1G 2H5

Database: ***ECA***

Approval No: 0166-ACPSEZ
Approval Date: 2016-08-23
Status: Revoked and/or Replaced
MOE District:
City:
Longitude:

Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Riverside South Development Corp.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3244-A6CPHG-14.pdf
PDF Site Location:
Latitude:
Geometry X:
Geometry Y:

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No: 6566-A7AMSG
Approval Date: 2016-02-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Richcraft Homes Ltd.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1204-A4KTW4-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Regional Municipality of Ottawa-Carleton***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Gloucester ON K2P 2L7

Database: ***ECA***

Approval No: 3-0993-86-006
Approval Date: 2000-10-12
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Ottawa-Carleton
Address: Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1407-4N3NLF-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Urbandale Corporation***
Ottawa ON K1G 2H5

Database: ***ECA***

Approval No: 4781-4ZEKPM
Approval Date: 2001-08-21
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Urbandale Corporation
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1402-4Z2HBD-14.pdf
PDF Site Location:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Regional Municipality of Ottawa-Carleton***
Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3 Gloucester ON K2P 2L7

Database: ***ECA***

Approval No: 7728-4QAG7M
Approval Date: 2000-10-20
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: The Regional Municipality of Ottawa-Carleton
Address: Lot 15, 16, 17, 18, 19, 20, 21, 22, Conc. 1, 2, 3
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4846-4P7RCV-14.pdf
PDF Site Location:

Site: ***Urbandale Corporation***
Ottawa ON K1G 2H5

Database: ***ECA***

Approval No: 8787-5YQRUU
Approval Date: 2004-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Urbandale Corporation
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3747-5YPLC8-14.pdf
PDF Site Location:

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 6111-5L8MWE
Approval Date: 2003-04-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Developments Inc.
Address: Lot 19, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5577-5KZSLL-14.pdf
PDF Site Location:

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No: 5800-5UYNQD
Approval Date: 2004-01-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Richcraft Homes Ltd.
Address:

Full Address:
Full PDF Link:
PDF Site Location:

Site: ***Urbandale Corporation***
Ottawa ON K1G 2H5

Database: ***ECA***

Approval No:	1830-6H3P2S	***MOE District:***	
Approval Date:	2005-10-14	***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:	Urbandale Corporation		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9122-6F6R74-14.pdf		
PDF Site Location:			

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No:	1915-5L8Q54	***MOE District:***	
Approval Date:	2003-05-07	***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:	Minto Developments Inc.		
Address:	Lot 19, Concession 1		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6742-5L2HYM-14.pdf		
PDF Site Location:			

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No:	5204-4RGRNN	***MOE District:***	
Approval Date:	2000-12-01	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	Richcraft Homes Ltd.		
Address:			
Full Address:			
Full PDF Link:			
PDF Site Location:			

Site: ***City of Ottawa***
Limebank Road from Leitrim Road to Spratt Rd Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	8399-7YKTTC	***MOE District:***	
Approval Date:	2009-12-18	***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:	Limebank Road from Leitrim Road to Spratt Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0867-7WSQ87-14.pdf		
PDF Site Location:			

Site: ***Urbandale Corporation***
Ottawa ON K1G 2H5

Database: ***ECA***

Approval No:	0666-5YQRZ3	***MOE District:***	
Approval Date:	2004-05-10	***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:	Urbandale Corporation		
Address:			
Full Address:			
Full PDF Link:			
PDF Site Location:			

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No:	9080-5UYQRL	***MOE District:***	
Approval Date:	2004-01-08	***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:	Richcraft Homes Ltd.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5802-5UQM74-14.pdf		
PDF Site Location:			

Site:
Leitrim Road Ottawa ON

Database: ***EHS***

Order No:	20020522022	***Nearest Intersection:***	Leitrim Road & Albion Road
Status:	C	***Municipality:***	Ottawa
Report Type:	Basic Report	***Client Prov/State:***	ON
Report Date:	5/31/02	***Search Radius (km):***	0.25
Date Received:	5/22/02	***X:***	-75.626738
Previous Site Name:		***Y:***	45.320131
Lot/Building Size:			
Additional Info Ordered:			

Site: ***GVT. OF CAN. - ENVIRONMENT CANADA***
RIVER RD. ENVIRONMENTAL TECHNOLOGY CTR. C/O 140 PROMENADE DU PORTAGE, PHASE IV OTTAWA ON K1A 0M3

Database: ***GEN***

Generator No:	ON0198101	***Status:***	
SIC Code:	8173	***Co Admin:***	

SIC Description:	ENVIRON. ADMIN.	***Choice of Contact:***	
Approval Years:	86,87,88,89,90	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	222
Waste Class Desc:	HEAVY FUELS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

Site: ***TRANSPORT CANADA - AKPP***
GLOUCESTER LANDFILL WASTE SITE LEITRIM ROAD GLOUCESTER ON K1V 9B5

Database: ***GEN***

Generator No:	ON0175146	***Status:***	
SIC Code:	8159	***Co Admin:***	
SIC Description:	OTHER GEN. ADMIN.	***Choice of Contact:***	
Approval Years:	97,98,99,00,01	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS

Site: ***GLOUCESTER, CITY OF***
LEITRIM ROAD P.O. BOX 8333 GLOUCESTER ON

Database: ***GEN***

Generator No:	ON0088601	***Status:***	
SIC Code:	0000	***Co Admin:***	
SIC Description:	*** NOT DEFINED ***	***Choice of Contact:***	
Approval Years:	88,89,92,93,94	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Site: ***ROBADAIR LTD.***
BAY 6, 9 LIMEBANK ROAD - GLOUCESTER C/O BOX 5071, STATION "F" OTTAWA ON K2C 3H3

Database: ***GEN***

Generator No:	ON0528100	***Status:***	
SIC Code:	0007	***Co Admin:***	
SIC Description:	LETTER ACKNOWLEDG.	***Choice of Contact:***	
Approval Years:	86,87,88	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Site: ***SNC-Lavalin Constructors (Pacific) Inc.***
Limebank Road Ottawa ON K1X 1G1

Database: ***GEN***

Generator No:	ON4097601	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Jul 2020	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:	Canada	***MHSW Facility:***	

Detail(s)

Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids

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Site: ***City of Ottawa - Clarke Bellinger Stormwater***
Lot 16, 17 & 18, Conc 1, Rideau Front Ottawa ON

Database: ***NCPL***

Year:	2008
Site Name:	
Facility Owner:	
Discharge Type:	Industrial Sewage
Sector:	Miscellaneous Industrial
District Area:	Ottawa
Type of Concern:	CofA/Permit Non-Compliance
Contaminant:	ESCHERICHIA COLI
Status Report:	

Details

Incident Date:	9/5/2008
Exceedance Start Date:	9/5/2008
Exceedance End Date:	9/16/2008
Limit/Unit/Freq:	100 per 100 mL
Quantity Min/Max:	140/2300
Facility Action:	Equipment Modified, Repaired, Replaced or Re-calibrated
Ministry Action:	Other Abatement Action Taken

Site: ***ENVIRONMENT CANADA***
RIVER ROAD LABS OTTAWA ON K1A 0H3

Database: ***NPCB***

Company Code:	O4008
Industry:	Environment Canada
Site Status:	
Transaction Date:	11/19/1991
Inspection Date:	

Site: ***Clublink Capital Corporation***
Lot 18 through 21, Concession II, Ottawa (geographic Township of Cumberland) Cumberland ON

Database: ***PTTW***

EBR Registry No:	IA04E1240	***Decision Posted:***	
Ministry Ref No:	ER-5527-5XLLTL	***Exception Posted:***	
Notice Type:	Instrument\sDecision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	October\s19,\s2004	***Act 2:***	
Proposal Date:	August\s24,\s2004	***Site Location Map:***	
Year:	2004		

Instrument Type: (OWRA\ss.\s34)\s-\sPermit\sto\sTake\sWater
Off Instrument Name:
Posted By:
Company Name: Clublink\sCapital\sCorporation
Site Address:
Location Other:
Proponent Name:
Proponent Address: 15675\sDufferin\sStreet,\sKing\sCity\sOntario,\sL7B\s1K5
Comment Period:
URL:

Site Location Details:

Lot 18 through 21, Concession II, Ottawa (geographic Township of Cumberland) Cumberland

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Site: ***Database:*** ***SPL***
Leitrim Rd Ottawa ON

Ref No:	3708-8HTL5H	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/13/2011	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Cooling System Leak	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	38	***Nearest Watercourse:***	
Contaminant Name:	FREON R-134A (CFC)	***Site Address:***	Leitrim Rd
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Air Pollution; Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Referral to others	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/14/2011	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Reason:		***Source Type:***	

Site Name: Canadian Military Base<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Can.Military Base, Ottaw: 170 lb freon to atm. AC unit
Contaminant Qty: 78 kg

Site: ***FINES FLOUR*** ***Database:*** ***SPL***
RIVER RD. GLOUCESTER GLOUCESTER PLANT RIVER ROAD GLOUCESTER CITY ON

Ref No:	176	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/9/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20105
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:	2/9/1988	***Site Map Datum:***	

Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	MATERIAL FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OIL FROM ABOVE GROUND STORAGE TANK TO GROUND.		
Contaminant Qty:			

Site: ***HYDRO ONE***
LOT 16, CONC. 1, FORMER CUMBERLAND TOWNSHIP ROAD ALLOWANCE TRANSFORMER OTTAWA CITY ON

Database: ***SPL***

Ref No:	203120	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/11/2001	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***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:	6/11/2001	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDRO ONE: SPILL OF TWO LITRES OF NON-PCB MINERALOIL TO GROUND-CLEANED.		
Contaminant Qty:			

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Nov 2021

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-Mar 2022

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-May 31, 2022

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 2020

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: Feb 28, 2022

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-May 31, 2022

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 -Apr 2022

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-Jun 2022

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 - Jun 30, 2022

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: Feb 28, 2022

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- Jun 30, 2022

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 - Jun 30, 2022

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- Jun 30, 2022

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-Mar 31, 2022

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, 2021

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: Feb 28, 2022

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-Jun 2022

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: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Apr 30, 2022

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 2019

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: Feb 28, 2022

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: Mar 21, 2022

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

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, 2020

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-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2022

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-Jan 2021

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 - Jun 30, 2022

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- Jun 30, 2022

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: Feb 28, 2021

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 - Jun 30, 2022

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: 1986-1990, 1992-2019

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-Jun 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

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, 2020

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: Feb 28, 2022

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- Jun 30, 2022

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: Jan 31, 2022

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

PATERSON GROUP

solution oriented engineering

Mark S. D'Arcy, P.Eng., QP$_{ESA}$
Senior Environmental/Geotechnical Engineer

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION
B.A.Sc. 1991, Geological Engineering
Queen's University
Kingston, ON

LICENCE / PROFESSIONAL AFFILIATIONS
Professional Engineers of Ontario

Ottawa Geotechnical Group

ESA Qualified Person with MECP

Consulting Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 31

OFFICE LOCATION
9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS
- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA(Senior Project Manager)
- Riverview Development – Kingston, Ontario, Phase I ESA, Phase II ESA, and filing of an RSC in the MOECC Environmental Site Registry (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavagine (Senior Project Manager)
- Energy Services Acquisition Program–Modernization Project- Ottawa; Environmental Services (Senior Project Manager)

PROFESSIONAL EXPERIENCE

May 2001 to present, **Manager of Environmental Division, Paterson Group**, Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting,invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, **Geotechnical and Environmental Engineer, Paterson Group**, Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.

PATERSON GROUP
solution oriented engineering

Curtis Black, M.Eng., EIT
Junior Environmental Engineer

Curtis joined Paterson Group in 2019 as part of the Materials Testing Group before transitioning to the Environmental Group in 2022. Curtis received his Bachelor of Environmental Engineering degree from Carleton University in 2017, as well as a Master of Sustainable Energy Engineering from Carleton in 2021. In his time with Paterson, Curtis has been involved primarily in residential and commercial projects across Ontario, where he completed environmental and geotechnical sampling programs, Phase I and II environmental assessments (CSA and MECP standards), supervision of remediation, material testing, and construction recommendations. His scope of work now consists of environmental investigation and reporting, field inspections, soil and groundwater sampling, remediation supervision, and ensuring regulatory compliance to applicable environmental standards.

EDUCATION
Bachelor of Engineering
Environmental, 2017
Carleton University
Ottawa, Ontario

Master of Engineering
Sustainable Energy, 2021
Carleton University
Ottawa, Ontario

LICENCE/PROFESSIONAL AFFILIATIONS
Professional Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 3

OFFICE LOCATION
9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS
- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor).
- 1635 Lycée Place, Ottawa, ON, Large-Scale Remediation, (Site Remediation Coordinator and Supervisor).
- Amazon Fulfilment Center, 222 Citigate Drive, Barrhaven, ON, (Construction Supervision, Material Testing Monitoring, Remediation Supervision).
- 3700 Twin Falls Place, Nepean, ON, (Phase I – Environmental Site Assessment)
- Industrial Warehouse, 822 Burton Road, Vars, ON, (Construction Supervision, Material Testing, Final Inspections).
- Trails Edge Residential Development, Orleans, ON, (Full Time Supervision, Site Servicing Inspections, Material Sampling and Various Inspections).
- Excess Soil Sampling and Testing, Various Sites, Ottawa Area.
- Soil, Water, and Sediment Sampling, Various Sites.

PROFESSIONAL EXPERIENCE

April 2021 to present, **Junior Environmental Engineer, Paterson Group**, Ottawa, Ontario

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.

November 2019 to 2022, **Junior Field Engineer, Paterson Group**, Ottawa, Ontario

- Field experience in the supervision of drilling and excavation contractors, inspection of soil and bedrock materials for foundation development, material testing and field sampling programs, as well as ensuring foundation materials and construction comply with engineered drawings.
- Coordination and on-site supervision of contractors.
- Liaising with clients, contractors, project managers, superintendents, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.