PATERSON GROUP

Phase I – Environmental Site Assessment

4850 Bank Street

Ottawa, Ontario

Prepared for Regional Group Ltd.

Report: PE6336-2

September 25, 2025

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Regional Group Ltd. to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for 4850 Bank Street, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and a 250m study area (Phase I Study Area) to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I Property was first developed sometime before 1945 as agricultural land. Since that time, the Phase I Property has been predominantly vacant, unused land. The site has never been formally developed. There are no environmental concerns with respect to the historical use of the Phase I Property.

The historical use of the surrounding lands consisted of agricultural, commercial, and residential land use. Multiple PCAs were identified with respect to the historical use/activities of some of the properties within the Phase I Study Area. However, based on their location and the results of the 2023 Phase I-II Environmental Site Assessment, no PCAs identified are considered to result in APECs.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No PCAs were observed on the Phase I Property at the time of the site visit.

The surrounding land use in the Phase I Study Area is a primarily residential and commercial with some vacant land use.

Based on the findings of this 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 Regional Group Ltd., Paterson Group (Paterson) carried out a Phase I – Environmental Site Assessment (Phase I ESA) for 4850 Bank Street, in the City of Ottawa, Ontario, (Phase I Property). The objective of this Phase I ESA has been to research the past and current use of the Phase I Property, as well as the neighbouring properties within a 250m study area (Phase I Study Area), to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Evan Garfinkel, of Regional Group Ltd., who can be reached at 613-230-2100.

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

This Phase I ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O. Reg.) 153/04, as amended under the Environmental Protection Act, and 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, as well as a cursory review made at the time of the field assessment. The historical research relies upon 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:	4850 Bank Street, Ottawa, Ontario.
Legal Description:	Part of Lot 22, Concession 4, Township of Gloucester, in the City of Ottawa.
Location:	The Phase I Property is located on the west side of Bank Street, 240m south of Paakanaak Avenue, in the City of Ottawa, Ontario. For the purposes of this report, Bank Street runs in a north-south orientation. Refer to Figure 1 – Key Plan, for the site location context.
Latitude and Longitude:	45° 18’ 18.12" N, 75° 35’ 32.95” W.

Site Description:

Configuration:	Irregular.
Area:	21.98 ha (approximately).
Zoning:	RU – Rural Countryside Zone.
Current Use:	The Phase I Property currently consists of vacant land.
Services:	The Phase I Property is located within a municipally serviced area but is not serviced.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I ESA is described as follows:

- Determine the historical activities occurring on the Phase I Property and in the Phase I Study Area by conducting a review of readily available records, reports, photographs, plans, mapping information, databases, and regulatory agencies;
- Investigate the existing conditions present on the Phase I Property and in the Phase I Study Area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property and, if warranted, the 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 in compliance with the requirements of 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 250m was deemed appropriate for defining the study area for this assignment, herein referred to as the Phase I Study Area. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant separation distances.

First Developed Use Determination

Based on a review of available historical information, the Phase I Property has never been formerly developed.

Fire Insurance Plans

Fire Insurance Plans (FIPs) are not available for the area of the Phase I Property.

City of Ottawa Street Directories

City of Ottawa street directories were reviewed in approximate ten-year intervals, between 1940 and 2011, for the general area of the Phase I Property.

During the time period reviewed, the Phase I Property has never been listed. Adjacent lands were first listed in the directories in the early 2000s and used for commercial purposes. The adjacent properties included Travel-Mor Trailer Sales at 4863 Bank Street, located on the opposite side of Bank Street, Leitrim Home Hardware at 4836 Bank Street, Mister Sealer Corp at 4871 Bank Street, and 31 Leasing and Sales at 4856 Bank Street. The property addressed 4856 Bank Street was also listed as an automotive service garage. The garage is situated adjacent to the Phase I Property along the western side of Bank Street.

Plan of Survey

A plan of survey was not provided for the Phase I Property.

Chain of Title

A chain of title was not requested for the Phase I Property as part of this assessment, since it is our opinion that no new information would be ascertained.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

A search of this database did not identify any pollutant release records listed for the Phase I Property, or any properties situated within the Phase I Study Area.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the Phase I Property. A response was received on August 22, 2025, which is detailed below.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the Phase I Property or any of the neighbouring properties. No records of this type were found for the Phase I Property.

MECP Instruments

A request was submitted to the MECP FOI office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the Phase I Property.

The response received on August 22, 2025, included records pertaining to permits to take water from the site addressed 4800 Bank Street, due to the construction on Remer Lands Phases 1-4, adjacent to the northern portion of the Phase I Property.

The response also included a technical memorandum, dated January 2015. The memorandum described the photographic protocols necessary for a photomonitoring program, associated with a permit to take water. A hydrogeological study, dated September 2014, was also included in the response. Both the photomonitoring program and the hydrogeological study were carried out in support of the permit to take water.

Based on the nature of the records received, none of them are considered to pose a potential environmental concern to the Phase I Property.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records for the Phase I Property. No records of this type were found for the Phase I Property.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2024. No Records of Site Condition (RSCs) were filed for the Phase I Property or any properties in the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any such sites situated on the Phase I Property or within the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the Phase I Property.

A review of this document did not identify any former coal gasification plants located on the Phase I Property or within the Phase I Study Area.

Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Ontario Inventory of PCB Storage Sites, April 1995"* was reviewed as part of this

assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

A review of this document did not identify any former PCB waste storage sites situated within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically on July 24, 2025, as part of this assessment, to inquire about current and former fuel storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties within the Phase I Study Area. No records were found for the Phase I Property. Four records were returned for a neighbouring property within the Phase I Study Area, one at 4836 Bank Street and three at 4863 Bank Street. These records pertain to propane tanks and a propane refill center. None of the records are considered to represent a PCA.

A Copy of the TSSA correspondence is included in Appendix 2.

OMNRF Areas of Natural and Scientific Interest (ANSI)

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property or within the Phase I Study Area.

City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, *"Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa"*, was reviewed as part of this assessment. This document identifies the details and locations of all recorded closed landfill sites situated in the City of Ottawa.

A review of this document did not identify any former landfills located on the Phase I Property or within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI) Database

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well

as any properties situated within the Phase I Study Area. A response from HLUI was received on September 23, 2025.

The HLUI database identified one record pertaining to a retail automotive sales center located on the adjacent property to the east addressed 4852 Bank Street. The search also returned four automotive service/repair garages and automotive sales records for another adjacent property to the east addressed 4856 Bank Street.

As discussed in the Previous Engineering Reports section below, Paterson Group conducted a Phase I-II ESA for the Phase I Property. Based on the findings of the Phase I ESA, the above-noted automotive sales and automotive service/repair garage activities were considered to pose potential environmental concerns to the Phase I Property. A Phase II ESA was subsequently conducted to address these potential environmental concerns. All analytical test results for both soil and groundwater samples on the property complied with the MECP Table 2 Residential Standard. As such, the aforementioned records are not considered to pose potential environmental concerns for the purposes of this present Phase I Property.

Three gasoline storage tank records and one retail fuel outlet record were identified for the property addressed 4869 Bank Street, approximately 115 m southeast of the Phase I Property. Based on the significant separation distance between this property and the Phase I Property, these off-site records are not considered to pose potential environmental concerns to the Phase I Property.

The remaining records pertain to off-site activities that are not considered to have had the chance to impact the Phase I Property, based on the type of activity taking place or the separation distance (approximately 100 m or more).

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated July 28, 2025, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. The complete ERIS report has been included in Appendix 2.

The ERIS report identified one (1) record pertaining to the Phase I Property. This record pertained to a well water information system. The activities associated with this record are not expected to cause an environmental impact to the Phase I Property.

The ERIS report identified a total of 66 records for properties within the 250m radius of the Phase I Property (9 of which are previous ERIS searches).

The ERIS report identified 4 Waste Generator records for properties within 250m of the Phase I Property. Two records were identified for the property addressed 4836 Bank Street and pertain to light fuels between the years 1992 and 1998. These records are approximately 95m north of the Phase I Property. The third waste generator record identifies 4871 Bank Street, pertaining to oil skimmings and sludges, waste oils, lubricants, heavy fuels, and several acid/metal wastes between the years of 2002 and 2004. These records are approximately 210m southeast of the Phase I Property. The fourth waste generator record is associated with the property addressed 4835 Bank Street, approximately 215m northeast of the Phase I Property. The waste class for this property is identified as 'Pathological Wastes' and its waste generation was only approved for the year 2016. The waste generation on 4836 Bank Street and 4871 Bank Street are considered PCAs, however, based on the separation distance of these properties from the subject site, they do not represent areas of potential environmental concern (APECs) for the Phase I Property.

The ERIS report identified 4 Delisted Fuel Tanks and 4 Private and Retail Fuel Storage Tanks (which seem to depict the same four tanks) for properties within 250m of the Phase I Property. Three of these records pertain to the site addressed 4869 Bank Street, approximately 175 m southeast of the Phase I Property, and one of these records pertains to the site addressed 4863 Bank Street, approximately 245 m southeast of the Phase I Property. The properties listed are both former retail fuel outlets. These fuel tanks represent a PCA, however due to the distance separating these properties and the Phase I Property, these fuel tanks do not represent an area of potential environmental concern (APEC) for the Phase I Property.

The ERIS report identified 4 Pesticide Registers for properties within 250m of the Phase I Property. All records pertain to the site addressed 4836 Bank Street and are approximately 95m from the Phase I Property. Based on the distance separating this property and the Phase I Property, these records are not considered to have affected the Phase I Property.

The ERIS report identified 2 Ontario Spill records for properties within 250m of the Phase I Property. One of the records pertains to the property addressed 4860 Bank Street, approximately 45m east of the Phase I Property, and is associated with an unknown amount of furnace oil onto the basement and floor slab in 1994. This spill represents a PCA, however, based on the distance from the Phase I Property and

that it is downgradient from the Phase I Property, this spill does not represent an area of potential environmental concern (APEC) for the Phase I Property. The second Ontario spill record identifies a natural gas line strike on the property addressed 87 Dun Skipper Drive. Due to the type of spill (natural gas), this spill is not considered to affect the Phase I Property.

The ERIS report identified 21 well records and 3 borehole records within the Phase I Study Area, which are further discussed in the MECP Water Well Records section of this report.

A copy of the ERIS report is provided in Appendix 2.

Previous Engineering Reports

Paterson completed a Phase I-II Environmental Site Assessment for the Phase I Property, titled "Phase I-II Environmental Site Assessment, 4850 Bank Street, Ottawa, Ontario", Report: PE6336-1, December 20, 2023.

During the combined Phase I and II, three potential environmental concerns were identified: An automotive service garage to the immediate east (4856 Bank Street), a retail automotive sales centre to the east (4852 Bank Street), and the presence of derelict vehicles encroaching onto the property from 4848 Bank Street. After the three areas of potential environmental concern (APECs) were identified, a Phase II site assessment was recommended and subsequently completed.

Ten boreholes were advanced on the subject property on December 11th to 14th, 2023 during a joint environmental and geotechnical investigation. No apparent staining, odours, or PID readings were observed in the collected samples. Three soil samples were submitted to Paracel Laboratories for analysis of VOCs and PHCs (F_1-F_4). No VOC concentrations were detected, and the detected PHC concentrations complied with the selected standards (MECP Table 2 Residential). Groundwater samples were also recovered from three monitoring wells on December 15th, 2023. No unusual visual or olfactory observations were noted during the groundwater sampling program. The groundwater samples were submitted to Paracel Laboratories for analysis of VOCs and PHCs (F_1-F_4). No PHC concentrations were detected. Chloroform was detected at low concentrations, but it was considered to be a result of the water used for rock coring. All results complied with MECP Table 2 Potable Groundwater standards. No further work was required at this time.

The groundwater was determined to flow north/northeastward.

Paterson has also conducted various Phase I assessments for properties situated within the Phase I Study Area. A review of these reports did not identify any environmental concerns with the potential to impact the Phase I Property.

4.3 Physical Setting Sources

Historical aerial photographs of the Phase I Study Area were obtained from the National Air Photo Library and City of Ottawa (geoOttawa), and reviewed in approximate ten-year intervals, beginning with the earliest available photograph. Based on a review of these photographs, the following observations have been made:

1945 (Poor Scale, National Air Photo Library) The Phase I property and surrounding properties are used for agricultural purposes. Bank Street is present in its current orientation at this time.

1967 (Poor Scale, National Air Photo Library) No significant changes are apparent with respect to the Phase I Property. Disturbed soil to the north indicates a commercial building is under development on the west side of Bank Street. To the southwest, a racetrack appears to have been developed associated with the Rideau Carleton Raceway. No other significant changes are apparent with respect to the surrounding properties.

1976 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. Several commercial properties have been completely developed to the south of the subject site on the west side of Bank Street. The commercial property being constructed to the north of the subject site has been completed. No other significant changes are apparent with respect to the surrounding properties.

1985 (Poor Scale, National Air Photo Library) No significant changes are apparent with respect to the Phase I Property or surrounding lands.

1999 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. It appears that a commercial driving range is being developed to the south of the site on the west side of Bank Street. No other significant changes are apparent with respect to the surrounding properties.

2008 (geoOttawa) No significant changes are apparent with respect to the Phase I Property or surrounding lands.

2019 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. A residential subdivision is being developed alongside the northern edge of the Phase I Property. No other changes appear to have been made to the surrounding properties.

2024 (Google Earth™) No significant changes are apparent with respect to the Phase I Property. Further development of the residential subdivision can be seen to the north. The commercial building to the north has been demolished and replaced by a larger commercial building bordering Dun Skipper Drive and Bank Street.

Copies of the aerial photographs selected for review are included in Appendix 1.

Geological Maps

Geological mapping information for the Phase I Property was obtained from The Geological Survey of Canada – Urban Geology of the National Capital Area and reviewed as part of this assessment.

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of dolostone and sandstone of the Beekmantown Group. The surficial geology consists largely of till deposits, with a drift thickness ranging from approximately 5m to 10m.

Water Bodies

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is Findlay Creek, located approximately 0.8 km to the north of the Phase I Property. There is a water drainage feature that drains northward to Findlay Creek which lies to the east of the property. Based on the hydrology/topography of the area, the groundwater is expected to flow northeastward beneath the eastern half of the site.

Topographic Maps

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment. The topographic map indicates that the general elevation of the Phase I Property is approximately 107m above sea level. The regional topography within the greater area is depicted as sloping downwards in various directions.

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

Physiographic Maps

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

MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250m radius of the Phase I Property was conducted as part of this assessment. The search identified 21 well records within the Phase I Study Area. These records pertain to wells installed between 1950 and 2019, for groundwater observation purposes or domestic use, as well as one well that has been decommissioned. Multiple properties within the Phase I Study Area are not within a service area for municipal water. As a result, it is expected that some drinking water wells are expected to remain in use within the Phase I Study Area.

According to the well records, the subsurface stratigraphy in the general area of the Phase I Property is variable geographically. A majority of well records within the Phase I Study Area identifies a layer of clay underlain by limestone. Other records within the Phase I Study Area identify boulders and sand underlain by sandstone. Bedrock, consisting of sandstone, was generally encountered at an average depth of 2-15m below ground surface.

A select number of the aforementioned well records have been included in Appendix 2.

5.0 INTERVIEWS

Property Owner

Mr. Evan Garfinkel, a representative of Regional Group (the property owner at the time of assessment), was contacted electronically to respond to questions about the environmental history of the Phase I Property. Mr. Garfinkel stated Regional Group have owned the property since early 2024 and is not aware of any significant changes prior to or post acquisition of the property. Mr. Garfinkel indicated that he was not aware of any non-native soil or fill being imported onto the subject property, or of any fuel or chemical spills occurring on the lands.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was conducted for the Phase I Property on July 25, 2025, between 2:30 PM and 3:30 PM. Weather conditions were mostly sunny, with a temperature of approximately 35°C. Personnel from the Environmental Department of Paterson Group conducted the inspection.

In addition to the Phase I Property, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site inspection.

6.2 Specific Observations at the Phase I Property

Site Description

The Phase I Property is currently vacant, consisting of non-landscaped trees, brush, and various vegetation.

The site topography is relatively flat, being highest in the centre and sloping slightly down to the east and west. The regional topography appears to gradually slope down towards the northwest and south further south of the site. The Phase I Property is considered to be relatively at grade with respect to the neighbouring properties.

Water drainage on the Phase I Property occurs primarily via infiltration.

No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at time of the site inspection.

A depiction of the Phase I Property is illustrated on Drawing PE6336-2 – Site Plan, in the Figures section of this report.

Buildings and Structures

At the time of the site inspection, the Phase I Property contained no visible buildings or structures on site.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  At the time of the site inspection, no vent and fill pipes, above ground fuel storage tanks (ASTs), or evidence indicating the presence of any underground fuel storage tanks (USTs) were observed on the exterior of the Phase I Property.

- **Hazardous Materials and Unidentified Substances**

  At the time of the site inspection, no hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the exterior of the Phase I Property.

- **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

  At the time of the site inspection, no electrical transformers or any other potential sources of PCBs or transformer oil were identified on the exterior of the Phase I Property.

- **Waste Management**

  At the time of the site inspection there was no waste being generated on the Phase I Property. No olfactory indicators, staining or stressed vegetation were observed at the time of inspection.

- **Current or Former Rail or Spur Lines**

  No evidence of existing or former rail or spur lines was observed within the Phase I Study Area at the time of the site visit.

Neighbouring Properties

At the time of the site inspection, a survey of the neighbouring properties was conducted from publicly accessible roadways.

Land use adjacent to the Phase I Property was observed as follows:

North: Residential dwellings, followed by Dun Skipper Drive;

East: Automotive service garage, automotive sales center, followed by Bank Street;

South: Golf driving range;

West: Vacant land.

Based on our site visit, although potentially contaminating activities were identified with the neighbouring properties, no areas of potential environmental concern were identified as per the previous Phase I-II Environmental Site Assessment Investigation.

The neighbouring land use within the Phase I Study Area is depicted on Drawing PE6336-3 – Surrounding Land Use Plan, in the Figures section of this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the subject site has never been formally developed.

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

No potentially contaminating activities (PCAs) were identified on the Phase I Property. Several PCAs were identified on properties within the Phase I Study Area, however, due to the former analytical testing performed on the subject site and the down-gradient location and/or the separation distances of these PCAs, none were considered to result in areas of potential environmental concern (APECs) on the Phase I Property. Off-site PCAs with their respective locations are presented on Drawing PE6336-3 – Surrounding Land Use Plan, in the Figures section of this report.

Contaminants of Potential Concern

No contaminants of potential concern were identified on the subject site.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

A search of the Geological Survey of Canada's 'Urban Geology of the National Capital Area' web site was conducted for the subject property. Bedrock in the area of the site consists of sandstone and dolomite of the Oxford and March Formations. Overburden soils consist of plain till. Drift thickness at the subject site is shown to be on the order of 5-10 m.

Groundwater flow is interpreted to be in a northeastern direction, beneath the eastern portion of the property.

Water Bodies and Areas of Natural and Scientific Interest

No water bodies are present on the subject site. The nearest named water body with respect to the subject site is Findlay Creek, located approximately 0.8 km to the northeast.

Existing Buildings and Structures

No existing buildings or structures are currently present on the Phase I Property.

Drinking Water Wells

Based on the availability of municipal water services, drinking water wells are expected to be in use within the Phase I study area, as many adjacent properties are not municipally serviced.

Neighbouring Land Use

The neighbouring lands within the Phase I study area consist of residential and commercial properties. Current land use is shown on Drawing PE6336-3 – Surrounding Land Use Plan, in the Figures section of this report.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1, several PCAs were identified on properties within the Phase I Study Area, however, due to the former work performed on the subject site, the down-gradient and/or the separation distances of these PCAs, none were considered to result in areas of potential environmental concern (APECs) on the Phase I Property. Off-site PCAs are presented with their respective locations on Drawing PE6336-3 – Surrounding Land Use Plan, in the Figures section of this report.

Contaminants of Potential Concern

No contaminants of potential concern were identified in the Phase I Study Area.

Record of Site Condition

Since the most recent land use was agricultural, and the proposed land use is residential, a record of site condition (RSC) will not be required to be filed with the MECP, as agricultural land use is a more sensitive use of land than residential.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no PCAs or APECs associated with the subject site. The absence of any APECs 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 Regional Group Ltd. to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for 4850 Bank Street, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and a 250m study area (Phase I Study Area) to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I Property was first developed sometime before 1945 as agricultural land. Since that time, the Phase I Property has been predominantly vacant, unused land. The site has never been formally developed. There are no environmental concerns with respect to the historical use of the Phase I Property.

The historical use of the surrounding lands consisted of agricultural, commercial, and residential land use. Multiple PCAs were identified with respect to the historical use/activities of some of the properties within the Phase I Study Area. However, based on their location and the results of the 2023 Phase I-II Environmental Site Assessment, no PCAs identified are considered to result in APECs.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No PCAs were observed on the Phase I Property at the time of the site visit.

The surrounding land use in the Phase I Study Area is a primarily residential and commercial with some vacant land use.

Based on the findings of this 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 (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 as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

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

Paterson Group Inc.

Carson de Ridder, Environmental Intern

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

LICENSED PROFESSIONAL ENGINEER
August 11, 2025
M. S. D'ARCY
90377839
PROVINCE OF ONTARIO

Report Distribution:

- ❑ Regional Group Ltd.
- ❑ Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

- ❒ MECP: Freedom of Information and Privacy Office.
- ❒ MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- ❒ MECP: Waste Disposal Site Inventory, 1991.
- ❒ MECP: Brownfields Environmental Site Registry.
- ❒ MECP: Water Well Inventory.
- ❒ MECP: Ontario PCB Waste Storage Site Inventory, 1995.
- ❒ Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- ❒ Ministry of Natural Resources and Forestry Areas of Natural Significance.
- ❒ Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

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

Local Information Sources

- ❒ Personal Interviews.
- ❒ Previous Engineering Reports.

Public Information Sources

- ❒ ERIS Database Report.
- ❒ Google Earth.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE6336-2 – SITE PLAN

DRAWING PE6336-3 – SURROUNDING LAND USE PLAN

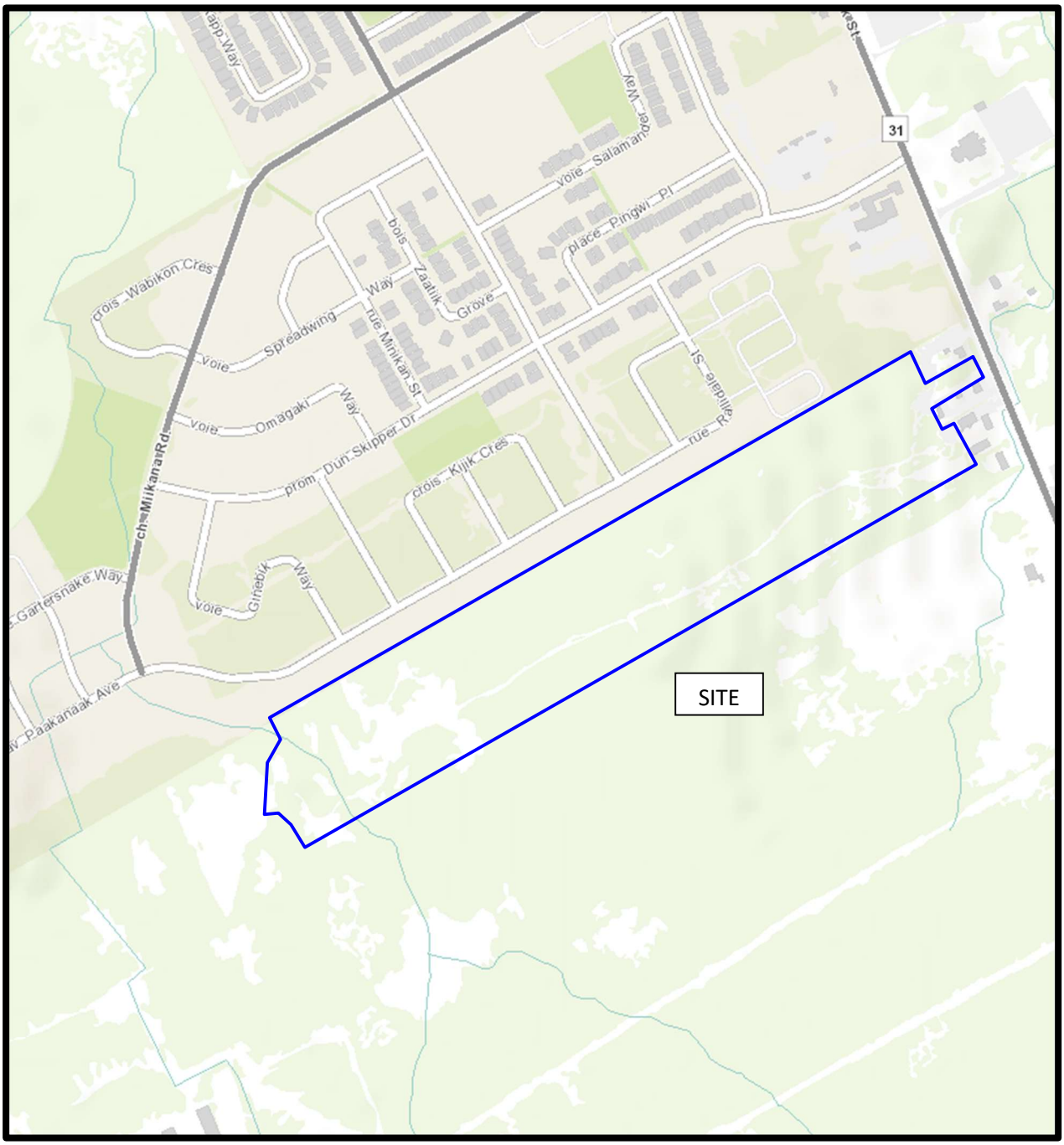


FIGURE 1

KEY PLAN

PATERSON GROUP

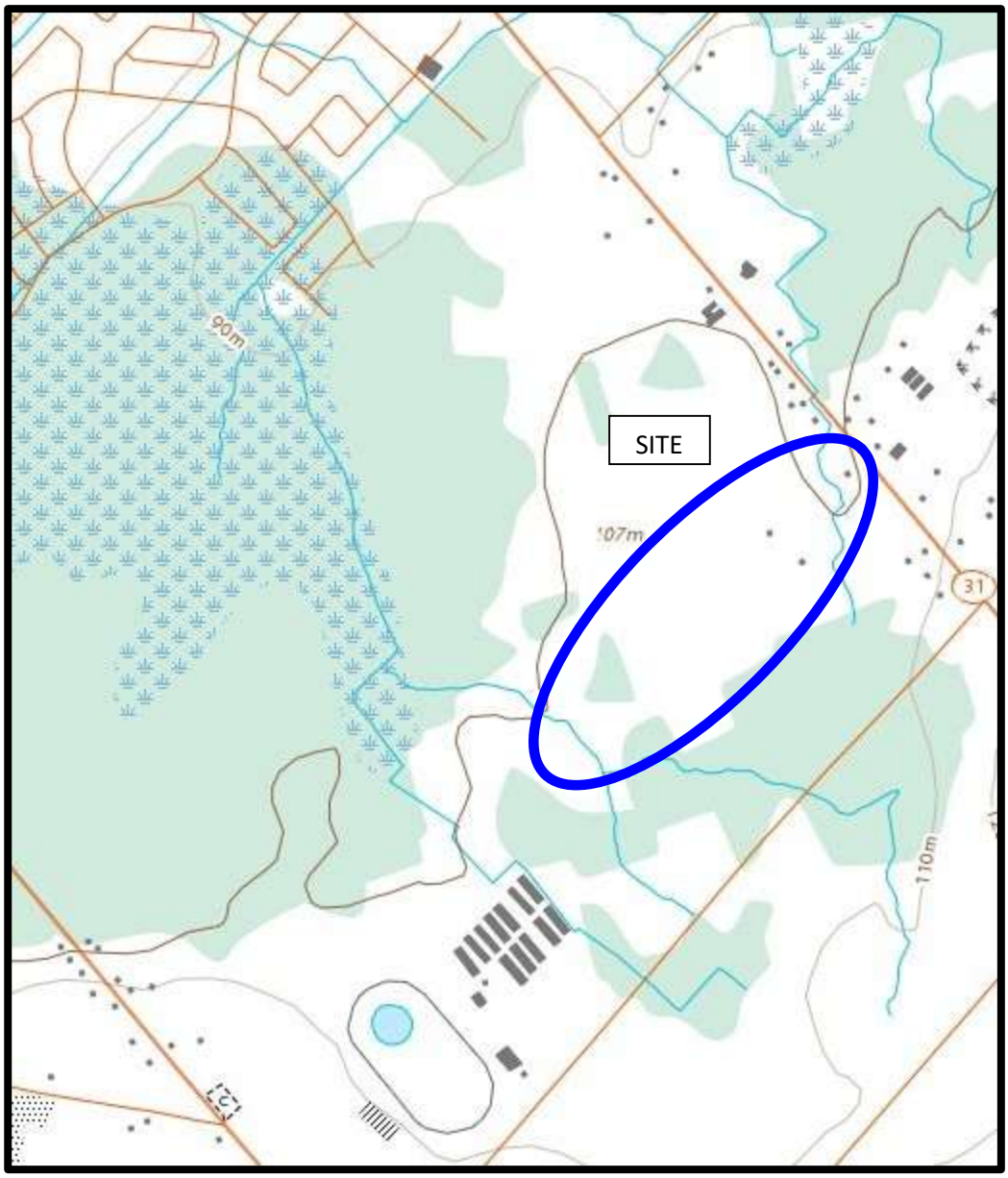
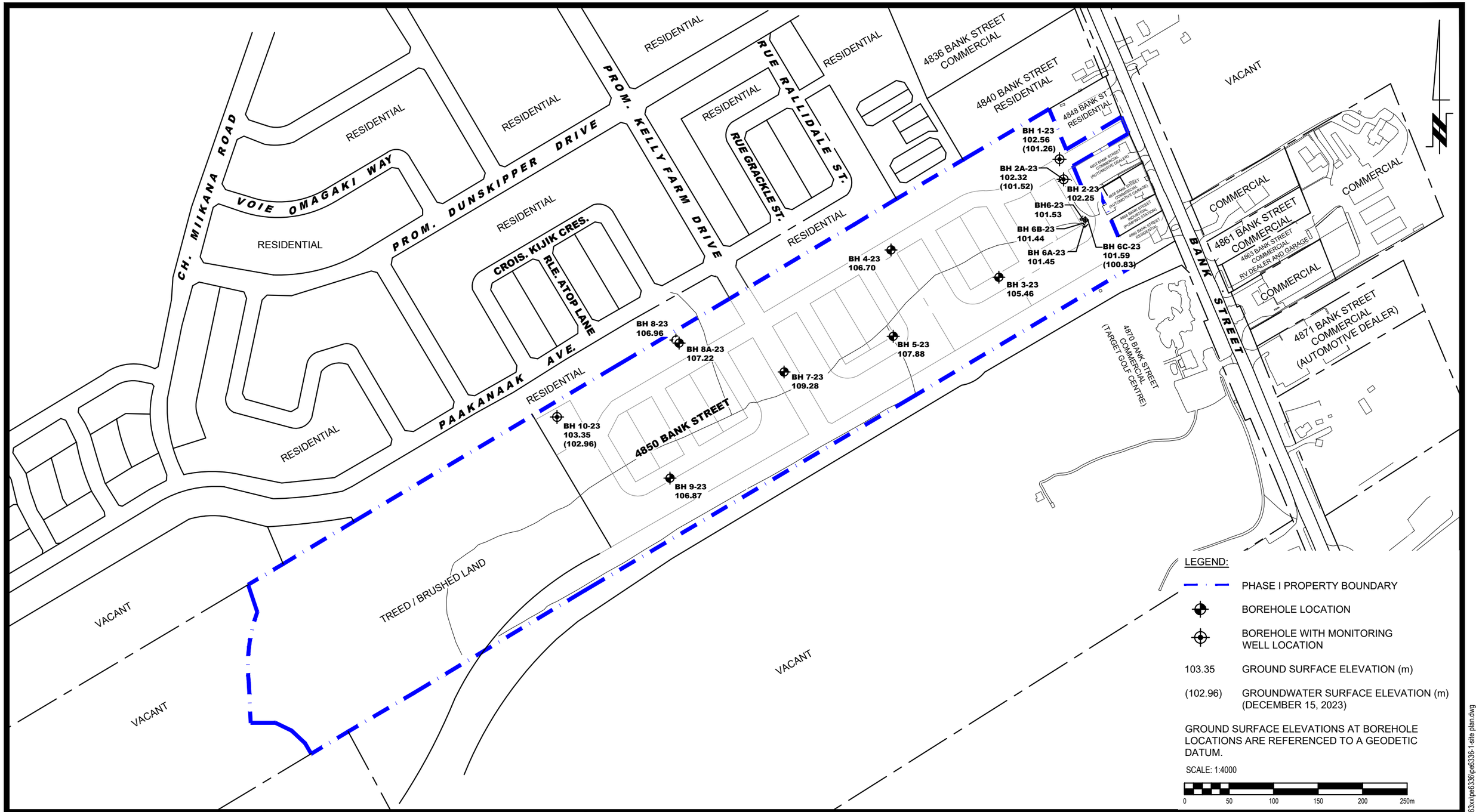


FIGURE 2

TOPOGRAPHIC MAP



LEGEND:

- PHASE I PROPERTY BOUNDARY
- BOREHOLE LOCATION
- BOREHOLE WITH MONITORING WELL LOCATION
- 103.35 GROUND SURFACE ELEVATION (m)
- (102.96) GROUNDWATER SURFACE ELEVATION (m) (DECEMBER 15, 2023)

GROUND SURFACE ELEVATIONS AT BOREHOLE LOCATIONS ARE REFERENCED TO A GEODETIC DATUM.

SCALE: 1:4000

0 50 100 150 200 250m

PATERSON GROUP
9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

REGIONAL GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
4850 BANK STREET

OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:4000	Date: 08/2025
Drawn by: YA	Report No.: PE6336-2
Checked by: CDR	Dwg. No.: PE6336-2
Approved by: MSD	Revision No.:

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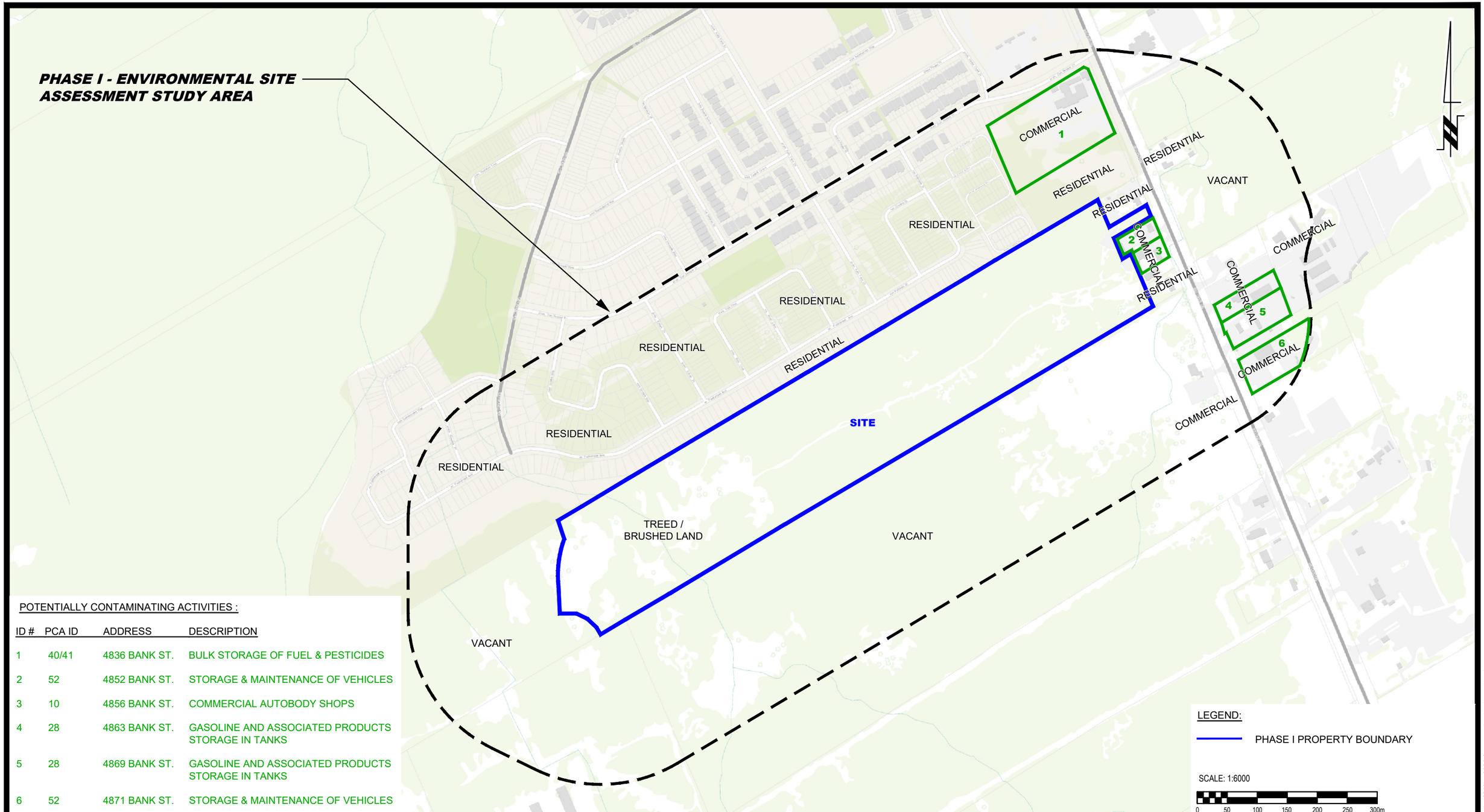
11x17



POTENTIALLY CONTAMINATING ACTIVITIES :

ID #	PCA ID	ADDRESS	DESCRIPTION
1	40/41	4836 BANK ST.	BULK STORAGE OF FUEL & PESTICIDES
2	52	4852 BANK ST.	STORAGE & MAINTENANCE OF VEHICLES
3	10	4856 BANK ST.	COMMERCIAL AUTOBODY SHOPS
4	28	4863 BANK ST.	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN TANKS
5	28	4869 BANK ST.	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN TANKS
6	52	4871 BANK ST.	STORAGE & MAINTENANCE OF VEHICLES

PATERSON GROUP
9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

REGIONAL GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
4850 BANK STREET

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:6000	Date: 08/2025
Drawn by: YA	Report No.: PE6336-2
Checked by: CDR	Dwg. No.: PE6336-3
Approved by: MSD	Revision No.:

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11x17

APPENDIX 1

AERIAL PHOTOGRAPHS

AERIAL PHOTOGRAPH
1945

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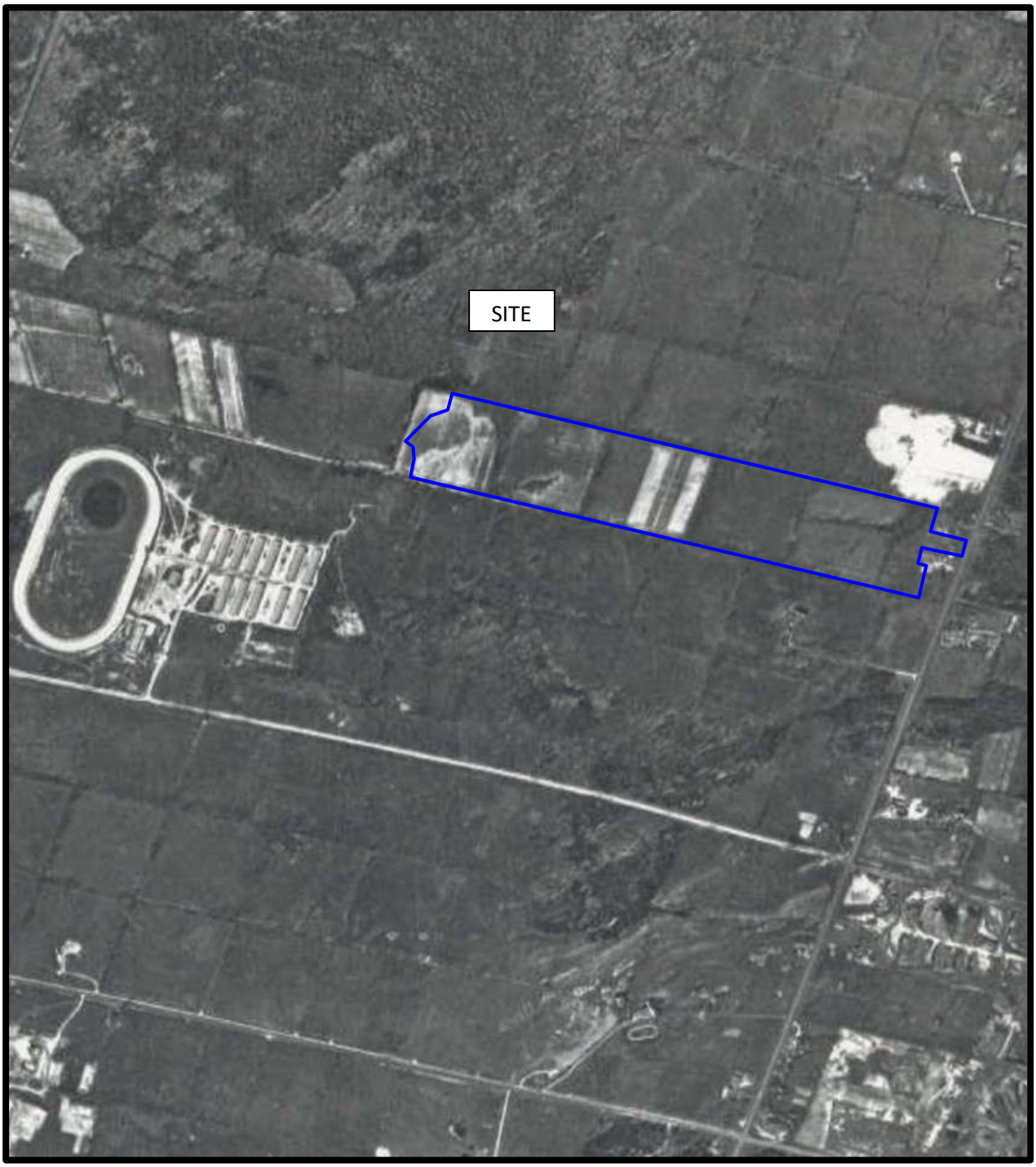

AERIAL PHOTOGRAPH
1967

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AERIAL PHOTOGRAPH
1976

PATERSON GROUP

AERIAL PHOTOGRAPH
1985

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AERIAL PHOTOGRAPH
1999

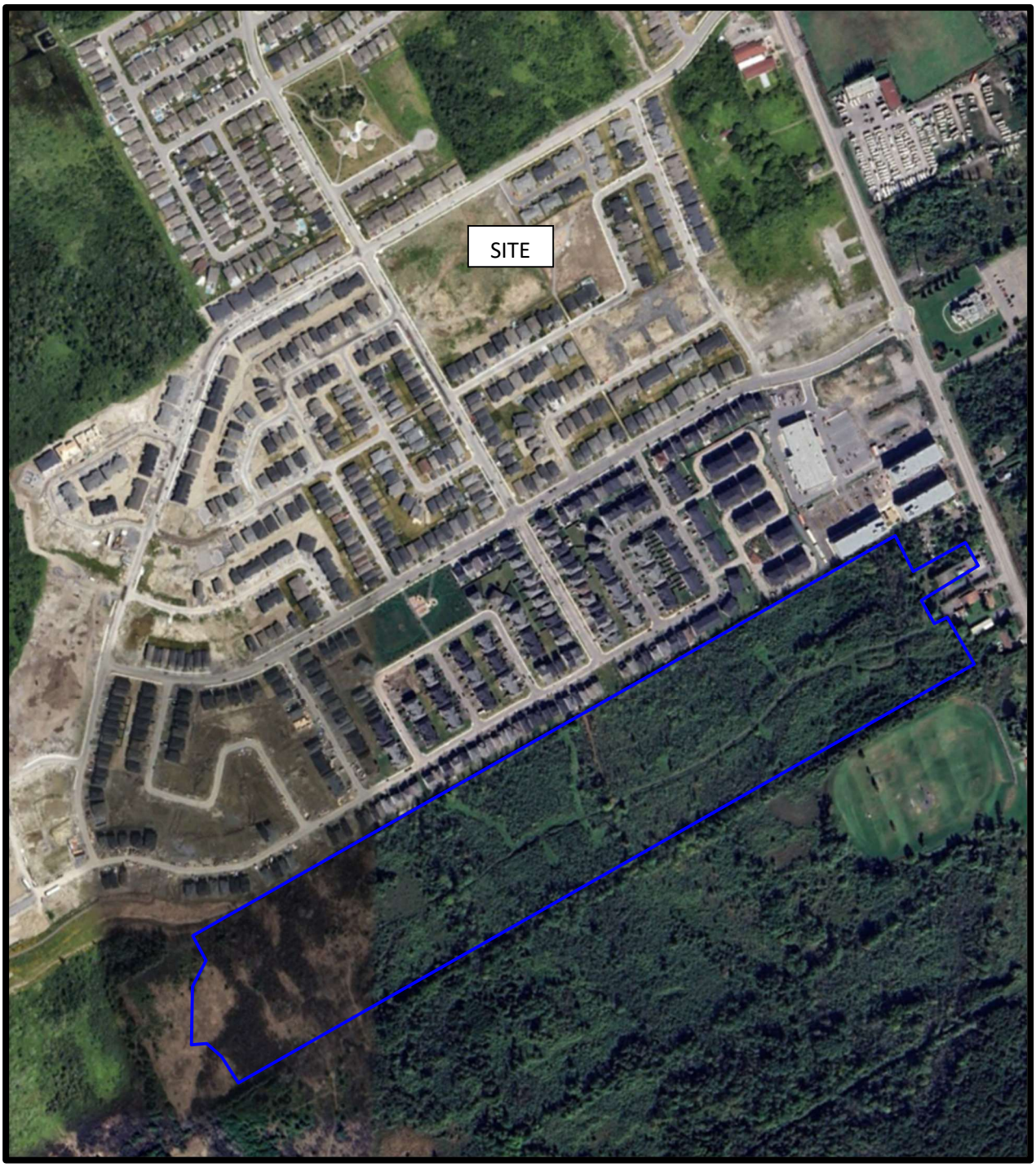
PATERSON GROUP

AERIAL PHOTOGRAPH
2008

PATERSON GROUP

AERIAL PHOTOGRAPH
2019

PATERSON GROUP



AERIAL PHOTOGRAPH
2024

PATERSON GROUP

APPENDIX 2

MECP FREEDOM OF INFORMATION RESPONSE

TSSA CORRESPONDENCE

MECP WATER WELL RECORDS

CITY OF OTTAWA HLUI RESPONSE

ERIS DATBASE REPORT

Ministry of the Environment, Conservation and Parks
1st Floor
135 St Clair Ave W
Toronto ON M4V 1P5
Fax: (416) 314-8452
Telephone: (437) 882-3116

Ministère de l'Environnement, de la Protection de la nature et des Parcs
135 av St Clair O
Toronto ON M4V 1P5
Télécopieur : (416) 314-8452
Téléphone : (437) 882-3116

Ontario

November 9, 2021

DO NOT MAIL

Dear David Kardish:

Re: Application for Approval of Permit To Take Water
Amendment to Permit To Take Water No. 3480-BALRD9 issued to Leitrim South Holdings Inc.
City of Ottawa
Reference Number 0635-C8M4Y9

We acknowledge receipt of your application for a Permit to Take Water for Permit Alteration, received on November 9, 2021, for:

Site Location: Leitrim South Holdings Inc - Remer Lands Phases 1-4
4800 Bank Street
Lot 21 & 22, Concession 4 from Rideau River
City of Ottawa

The Ministry's reference number for your application is 0635-C8M4Y9. Please quote this number in any correspondence or enquiries regarding this application.

The Region handling your application is Eastern Region. If you have any questions regarding your Permit to Take Water application please contact the Permit to Take Water Coordinator at (437)339-9163. Should any further information be required, they will contact you or your identified Project Technical Information Contact. Information regarding Permits to Take Water is also available at www.ene.gov.on.ca.

Sincerely,

Olivia Simpson
Application Assessment Officer
Client Services and Permissions Branch

Ministry of the Environment, Conservation and Parks
Eastern Region
Technical Support Section
Water Resources
1259 Gardiners Rd, PO Box 22032
Kingston, ON
K7P 3J6
Tel: (613) 549-4000

Ministère de l'Environnement, de la Protection de la nature et des Parcs
Direction régionale de l'Est
Section du Soutien Technique
Ressource en eau
1259 Chemin Gardiners, CP 22032
Kingston, ON
K7P 3J6
Tél:(613) 549-4000

Ontario

April 9, 2019

Mr. David Kardish
Leitrim South Holdings Inc.
1737 Woodward Drive
Ottawa, Ontario
K2C 0P9

Dear Mr. Kardish:

RE: Permit To Take Water 3480-BALRD9
Former Permit 4540-9S2L6Y Amendment to Include
a Constructed Channel
4800 Bank Street
(Lots 21 & 22, Concession 4 from Rideau River,
Geographic Township of Gloucester), Ottawa
Reference Number 6718-B7UQ6P

Please find attached Permit To Take Water 3480-BALRD9 which authorizes the withdrawal of water in accordance with the application for this Permit To Take Water, dated December 19, 2018 and signed by David Kardish.

Please note the attached Permit cancels and replaces Permit 4540-9S2L6Y and expires on December 22, 2024.

Ontario Regulation 387/04 (Water Taking and Transfer) requires all water takers to report daily water taking amounts to the Water Taking Reporting System (WTRS) electronic database (https://www.lrcsde.lrc.gov.on.ca/wtrs/). Daily water taking must be reported on a calendar year basis. If no water is taken, then a "no taking" report must be entered. Please consult the Regulation and Section 4 of this Permit for monitoring requirements.

If you have questions about reporting requirements, please call the WTRS Help Desk at 416-235-6322 (toll free: 1-877-344-2011) or by email, WTRSHelpdesk@ontario.ca. It is preferred that you submit your data directly and electronically to the WTRS. Where this is impracticable, please contact the WTRS Help Desk to arrange for written submission of your data.

Take notice that in issuing this Permit, terms and conditions pertaining to the taking of water and to the results of the taking have been imposed. The terms and conditions have been designed to allow for the development of water resources, while providing reasonable protection to existing water uses and users.

Yours truly,

Greg Faaren
Director, Section 34, Ontario Water Resources Act, R.S.O. 1990
Eastern Region

File Storage Number: SI OT 3480 220 (TS)

c: Caitlin Cooke, M.Sc., P.Geo., Golder Associates Ltd., ccooke@golder.com

Ottawa District Office

AMENDED PERMIT TO TAKE WATER
Surface and Ground Water
NUMBER 3480-BALRD9

Pursuant to Section 34.1 of the Ontario Water Resources Act, R.S.O. 1990 this Permit To Take Water is hereby issued to:

Leitrim South Holdings Inc.
1737 Woodward Drive
Ottawa, Ontario K2C 0P9
Canada

For the water taking from: Trench Sump,
Miscellaneous Ponds,
Constructed Channel

Located at: Lot 21 & 22, Concession 4 from Rideau River, Geographic Township of Gloucester Ottawa

For the purposes of this Permit, and the terms and conditions specified below, the following definitions apply:

DEFINITIONS

(a) "Director" means any person appointed in writing as a Director pursuant to section 5 of the OWRA for the purposes of section 34.1, OWRA.

(b) "Provincial Officer" means any person designated in writing by the Minister as a Provincial Officer pursuant to section 5 of the OWRA.

(c) "Ministry" means Ontario Ministry of the Environment, Conservation and Parks.

(d) "District Office" means the Ottawa District Office.

(e) "Permit" means this Permit to Take Water No. 3480-BALRD9 including its Schedules, if any, issued in accordance with Section 34.1 of the OWRA.

(f) "Permit Holder" means Leitrim South Holdings Inc..

(g) "OWRA " means the *Ontario Water Resources Act,* R.S.O. 1990, c. O. 40, as amended.

You are hereby notified that this Permit is issued subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. Compliance with Permit

1.1 Except where modified by this Permit, the water taking shall be in accordance with the application for this Permit To Take Water, dated December 19, 2018 and signed by David Kardish, and all Schedules included in this Permit.

1.2 The Permit Holder shall ensure that any person authorized by the Permit Holder to take water under this Permit is provided with a copy of this Permit and shall take all reasonable measures to ensure that any such person complies with the conditions of this Permit.

1.3 Any person authorized by the Permit Holder to take water under this Permit shall comply with the conditions of this Permit.

1.4 This Permit is not transferable to another person.

1.5 This Permit provides the Permit Holder with permission to take water in accordance with the conditions of this Permit, up to the date of the expiry of this Permit. This Permit does not constitute a legal right, vested or otherwise, to a water allocation, and the issuance of this Permit does not guarantee that, upon its expiry, it will be renewed.

1.6 The Permit Holder shall keep this Permit available at all times at or near the site of the taking, and shall produce this Permit immediately for inspection by a Provincial Officer upon his or her request.

1.7 The Permit Holder shall report any changes of address to the Director within thirty days of any such change. The Permit Holder shall report any change of ownership of the property for which this Permit is issued within thirty days of any such change. A change in ownership in the property shall cause this Permit to be cancelled.

2. General Conditions and Interpretation

2.1 Inspections
The Permit Holder must forthwith, upon presentation of credentials, permit a Provincial Officer to carry out any and all inspections authorized by the OWRA, the *Environmental Protection Act* , R.S.O. 1990, the *Pesticides Act* , R.S.O. 1990, or the *Safe Drinking Water Act,* S. O. 2002.

2.2 Other Approvals

The issuance of, and compliance with this Permit, does not:

(a) relieve the Permit Holder or any other person from any obligation to comply with any other applicable legal requirements, including the provisions of the *Ontario Water Resources Act* , and the *Environmental Protection Act* , and any regulations made thereunder; or

(b) limit in any way any authority of the Ministry, a Director, or a Provincial Officer, including the authority to require certain steps be taken or to require the Permit Holder to furnish any further information related to this Permit.

2.3 Information

The receipt of any information by the Ministry, the failure of the Ministry to take any action or require any person to take any action in relation to the information, or the failure of a Provincial Officer to prosecute any person in relation to the information, shall not be construed as:

(a) an approval, waiver or justification by the Ministry of any act or omission of any person that contravenes this Permit or other legal requirement; or

(b) acceptance by the Ministry of the information's completeness or accuracy.

2.4 Rights of Action

The issuance of, and compliance with this Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.

2.5 Severability

The requirements of this Permit are severable. If any requirements of this Permit, or the application of any requirements of this Permit to any circumstance, is held invalid or unenforceable, the application of such requirements to other circumstances and the remainder of this Permit shall not be affected thereby.

2.6 Conflicts

Where there is a conflict between a provision of any submitted document referred to in this Permit, including its Schedules, and the conditions of this Permit, the conditions in this Permit shall take precedence.

3. Water Takings Authorized by This Permit

3.1 Expiry

This Permit expires on **December 22, 2024**. No water shall be taken under authority of this Permit after the expiry date.

3.2 Amounts of Taking Permitted

The Permit Holder shall only take water from the source, during the periods and at the rates and amounts of taking specified in Table A. Water takings are authorized only for the purposes specified in Table A.

Table A

	Source Name / Description:	Source: Type:	Taking Specific Purpose:	Taking Major Category:	Max. Taken per Minute (litres):	Max. Num. of Hrs Taken per Day:	Max. Taken per Day (litres):	Max. Num. of Days Taken per Year:	Zone/ Easting/ Northing:
1	Trench Sump	Pond Dugout	Construction	Dewatering Construction	12,000	24	9,100,000	365	18 453120 5017340
2	Miscellaneous Ponds	Pond Dugout	Construction	Dewatering Construction	6,000	24	8,000,000	365	18 453120 5017340
3	Constructed Channel	Pond Dugout	Construction	Dewatering Construction	3,000	24	1,063,800	365	18 452770 5016800
						Total Taking:	18,163,800		

4. Monitoring

4.1 The Permit Holder shall maintain a record of all water takings. This record shall include the dates and times of water takings, the rates of taking and an estimated calculation of the total amounts of water taken per day for each day that water is taken under the authorization of this Permit. A separate record shall be maintained for each source. The Permit Holder shall keep all required records up to date and available at or near the site of the taking and shall produce the records immediately for inspection by a Provincial Officer upon his or her request.

4.2 The Permit Holder shall carry out the monitoring and reporting requirements as stipulated in the following conditions of the permit.

4.3 Those on-site monitoring wells identified as; BH13-24A, BH13-24B, BH13-32A, BH13-32B, BH13-33A, BH13-33B, BH14-34A, BH14-34B shall be maintained with data loggers installed to measure water levels for the duration of the permit. Groundwater monitoring wells at locations 03-7, 03-8, 03-9, 09-11 and 97-2 located in the Leitrim Wetland and developed in association with the Findlay Creek Development must be maintained with data loggers installed. The locations of all monitoring wells are identified in Figure 2 of Item 3 in Schedule A of this Permit.

4.4 Should any of the eight (8) on-site groundwater monitoring wells and/or data loggers become inoperable and cannot be repaired, they shall be replaced in a manner that is approved by the Director. Should access no longer be granted to monitor those five (5) off-site groundwater monitoring well locations associated with the Findlay Creek Development, the Director should be notified within seven (7) days and a suitable alternative monitoring plan shall be proposed.

4.5 Data from groundwater monitoring wells shall be collected and reviewed at the frequency specified below. The trigger elevations for each groundwater monitoring well are listed on page 20 of Item 3 of Schedule A of this Permit. Bedrock monitors BH13-24A and BH14-34A shall be used for monitoring purposes only and have no corresponding trigger elevation.

a) During any month when no groundwater takings occur from Source 1 of the permit, the Permit Holder shall collect and review the logged results of groundwater elevation monitoring from all groundwater monitoring wells once a month.

b) If the Permit Holder intends to take water from the trench sump for the first time during a month when no water was taken the previous month, the Permit Holder shall collect and review the logged results of groundwater elevation monitoring for all groundwater monitoring wells prior to the taking of any water. If groundwater elevations are greater than 0.1 metres above the respective trigger elevations at the respective monitoring wells, the Permit Holder may commence taking water and shall continue to collect and review the logged results of groundwater elevations from all groundwater monitoring wells at a biweekly (every two weeks) frequency. This shall continue until either the Permit Holder does not take any water during a month, in which case the frequency shall return to that stipulated by a) above, or monitoring shall continue at a biweekly frequency only for those wells to which c) below does not apply, or d) below applies.

c) If monitoring data obtained under b) above indicates that groundwater elevations are equal to or less than 0.1 metres above the respective trigger elevations at any one or more of the monitoring well(s), the Permit Holder shall collect and review the logged results of the groundwater elevation monitoring at a weekly frequency at those affected monitoring wells until either the groundwater elevations return to greater than 0.1 metres above the respective trigger elevations or until a) or d) apply.

d) If the monitoring data reviewed under either b) or c) above indicates that the groundwater levels have fallen below the trigger elevations at any monitoring well, groundwater takings as per Source 1 in Table A of Condition 3.2 shall cease and the Director shall be notified in writing by electronic mail within seven (7) days. Groundwater taking shall not resume until groundwater elevations at all monitoring wells are equal to or above the respective trigger elevations. Groundwater levels at all monitoring wells shall be collected two (2) days after any resumption of water taking to ensure the water levels have not fallen below their respective trigger elevations. If after two (2) days the water levels remain above the respective trigger elevations at all respective monitoring wells, monitoring as per a), b) or c) above may resume.

e) The Permit Holder may submit a request in writing to the Director to adjust the established groundwater trigger elevations for those monitors located at the site, should they be found to not accurately represent natural groundwater elevations.

4.6 Notwithstanding Condition 4.5 d), groundwater taking as per Source 1 in Table A of Condition 3.2 at the site may resume if it can be demonstrated to the satisfaction of the Director that groundwater level lowering is not as a result of the takings authorized by this permit and that continued taking will not interfere with groundwater level recovery.

4.7 Notwithstanding Condition 4.5 and 4.6, in the event that the Monitoring Program required by this Permit to Take Water indicates that a potential adverse impact is occurring or has occurred within the Leitrim Provincially Significant Wetland (PSW), as determined in comparison to baseline conditions, the Permit Holder shall submit a technical analysis of the cause(s) of such impact to the Director for review within seven (7) days of the discovery of the impact. The Director will review the submission and may consult with the Permit Holder during the Director's review, which may involve other agencies or persons as decided by the Director. If the Director determines that water-taking by the Permit Holder is the cause of the adverse impact, the Permit Holder will identify appropriate mitigation measures to the satisfaction of the Director to be implemented in order to mitigate the adverse impact, which may include reducing or ceasing the taking of water.

For the purpose for this condition 4.7, "potential adverse impact" is defined as reductions in groundwater elevations below the trigger levels in any overburden monitors located within the PSW that are sustained for a period of one month after Source 1 pumping ceases, and that are interpreted to be as a result of pumping from Source 1.

4.8 A new surface water sampling station (designated as SW-10) shall be established on Findlay Creek upstream of the confluence of the stormwater pond outlet and Findlay Creek.

4.9 The Permit Holder shall continuously measure temperature and conduct weekly sampling for Total Suspended Solids (TSS) at stations SW-4, SW-5 and SW-10 during periods of discharge to the stormwater sewer system during water taking from Source 1.

4.10 Reporting
The Permit Holder shall prepare an annual report and submit copies to the Ministry's Ottawa District Office within 60 days at the end of each calendar year. This report will, as a minimum, provide a summary of the water taking activities for each calendar year, report on all data obtained and provide an interpretation including comparison to historical data, any suggested modifications to the monitoring programs, and an assessment of the need for any mitigation measures for the adverse impacts related to the water takings and a description of any such measures.

4.11 Leitrim Wetland Monitoring Program
The Permit Holder shall conduct aerial imagery of the Leitrim Wetland and vicinity in September or October of the years 2018/2019 and 2024.

4.12 The aerial imagery in Condition 4.11 may be obtained from a dedicated photographic mission or from general surveys conducted in the area of the Findlay Creek development. Current and historical imagery will also be obtained to permit the assessment of historical change in the wetland and allow comparison to changes in the wetland area, size and extent of plant communities and principal drainage features throughout the life of the Permit.

4.13 The Permit Holder will conduct a fixed-point photographic survey of vegetation at fixed monitoring points along a transect line as depicted in Figure MP-1 (Item 1, Schedule A of this Permit) during the height of the growing season using the photographic protocols described in the Technical Memorandum dated January 7, 2015 entitled Photographic Protocols Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change (Item 2, Schedule A of this Permit).

4.14 The Permit Holder will ensure that the transect referred to in Condition 4.13 extends for a distance of approximately 400 metres (150 metres west and then 250 metres north) into the wetland from the base of the property line near BH 13-24 at the northwest section as shown in Figure MP-1 (Item 1, Schedule A of this Permit). The transect will be 2 metres wide and compositional data will be collected from one metre on either side of the transect centre line.

4.15 The Permit Holder shall collect vegetation inventory data for each 10 metre segment of the transect.

4.16 The Permit Holder shall at approximately 100 metre intervals along the transect described in Conditions 4.13 and 4.14 establish a fixed plot sampling location that is 10 metres X 10 metres in a relatively homogeneous vegetation stand that represents a single plant community type or a homogeneous mosaic of community types. The corners of the plot will be geo-referenced and marked with a permanent stake.

4.17 The Permit Holder shall within each plot established in Condition 4.16 conduct a full inventory of vascular plants. Once the composition of each plot is established, the Permit Holder will randomly place five, 1 metre X 1 metre plots within the 10 metre X 10 metre plots. Within each 1 metre X 1 metre plot the cover representation of each species including mosses will be estimated as well as dead vegetation, water and bare substrate. Within each 1 metre X 1 metre plot, the vegetation structure will also be identified including discernible strata, maximum height of those strata and general density of each stratum.

4.18 The Permit Holder shall conduct the first vegetation inventory and assessment in 2015 (previously conducted) and every three years following: 2018/2019, 2021 and 2024.

5. Impacts of the Water Taking

5.1 Notification

The Permit Holder shall immediately notify the local District Office of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint. The Permit Holder shall immediately notify the local District Office if the taking of water is observed to have any significant impact on the surrounding waters. After hours, calls shall be directed to the Ministry's Spills Action Centre at 1-800-268-6060.

5.2 For Surface-Water Takings

The taking of water (including the taking of water into storage and the subsequent or simultaneous withdrawal from storage) shall be carried out in such a manner that streamflow is not stopped and is not reduced to a rate that will cause interference with downstream uses of water or with the natural functions of the stream.

For Groundwater Takings

If the taking of water is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected, a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of doing so.

If permanent interference is caused by the water taking, the Permit Holder shall restore the water supplies of those permanently affected.

5.3 Prevention of Structural Adverse Effects

The Permit Holder shall take all measures necessary to prevent damage to buildings, bridges, structures, roads and/or railway lines that may be impacted either directly or indirectly by this taking.

5.4 Prevention of Adverse Effects

The Permit Holder shall ensure the taking of water under authority of this Permit does not result in an adverse effect in area waters.

5.5 Takings from Source 1 (Trench Sump) and Source 2 (Miscellaneous Ponds)

The Permit Holder shall divert all water that is required to be dewatered resulting from construction activities to the stormwater sewer system.

5.6 Discharge of Water to the Sanitary or Storm Sewer System
The Permit Holder shall ensure that any water taken for dewatering purposes and discharged to the City of Ottawa sewer system is done so in accordance with the City of Ottawa Sewer Use Program.

6. Director May Amend Permit
The Director may amend this Permit by letter requiring the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director in the letter. The suspension or reduction in taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect your right to appeal the suspension or reduction in taking to the Environmental Review Tribunal under the *Ontario Water Resources Act* , Section 100 (4).

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is included to ensure that the conditions in this Permit are complied with and can be enforced.

2. Condition 2 is included to clarify the legal interpretation of aspects of this Permit.

3. Conditions 3 through 6 are included to protect the quality of the natural environment so as to safeguard the ecosystem and human health and foster efficient use and conservation of waters. These conditions allow for the beneficial use of waters while ensuring the fair sharing, conservation and sustainable use of the waters of Ontario. The conditions also specify the water takings that are authorized by this Permit and the scope of this Permit.

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, you may by written notice served upon me, the Environmental Review Tribunal and the Environmental Commissioner, ***Environmental Bill of Rights****, R.S.O. 1993, Chapter 28, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 101 of the Ontario Water Resources Act, as amended provides that the Notice requiring a hearing shall state:*

1. The portions of the Permit or each term or condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

a. The name of the appellant;
b. The address of the appellant;
c. The Permit to Take Water number;
d. The date of the Permit to Take Water;
e. The name of the Director;
f. The municipality within which the works are located;

This notice must be served upon:

The Secretary
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto ON
M5G 1E5
Fax: (416) 326-5370
Email:
ERTTribunalsecretary@ontario.ca

AND

The Environmental Commissioner
1075 Bay Street
6th Floor, Suite 605
Toronto, Ontario M5S 2W5

AND

The Director, Section 34.1,
Ministry of the Environment,
Conservation and Parks
1259 Gardiners Rd, PO Box 22032
Kingston, ON
K7P 3J6

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal:

by Telephone at	by Fax at	by e-mail at
(416) 212-6349	(416) 326-5370	www.ert.gov.on.ca
Toll Free 1(866) 448-2248	Toll Free 1(844) 213-3474	

This instrument is subject to Section 38 of the ***Environmental Bill of Rights*** *that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek to appeal for 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry, you can determine when the leave to appeal period ends.*

This Permit cancels and replaces Permit Number 4540-9S2L6Y, issued on 2015/01/13.

Dated at Kingston this 9th day of April, 2019.

Greg Faaren

Director, Section 34.1
Ontario Water Resources Act , R.S.O. 1990

Schedule A

This Schedule "A" forms part of Permit To Take Water 3480-BALRD9, dated April 9, 2019.

Item 1 - Figure MP-1 entitled "Vegetation Monitoring Component" dated January 7, 2015 and prepared by Golder Associates for the Category 3 PTTW Application Remer Lands provided on page 3 of the Technical Memo dated January 7, 2015, entitled "Photographic Protocols, Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change.

Item 2 -Technical Memo dated January 7, 2015, entitled "Photographic Protocols, Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change.

Item 3 - Technical Report titled "Hydrogeological Study in Support of a Category 3 Application for a Permit to Take Water, Remer Lands, Ottawa, Ontario" prepared by Golder Associates Limited and dated September 2014.

AMENDED PERMIT TO TAKE WATER
Surface and Ground Water
NUMBER 0233-C98LEM

Pursuant to Section 34.1 of the Ontario Water Resources Act, R.S.O. 1990 this Permit To Take Water is hereby issued to:

Leitrim South Holdings Inc.
1737 Woodward Dr
Ottawa, Ontario, K2C 0P9
Canada

For the water taking from: Trench Sump,
Miscellaneous Ponds,
Constructed Channel

Located at: Lot 21 & 22, Concession 4 from Rideau River, Geographic Township of Gloucester Ottawa

For the purposes of this Permit, and the terms and conditions specified below, the following definitions apply:

DEFINITIONS

(a) "Director" means any person appointed in writing as a Director pursuant to section 5 of the OWRA for the purposes of section 34.1, OWRA.

(b) "Provincial Officer" means any person designated in writing by the Minister as a Provincial Officer pursuant to section 5 of the OWRA.

(c) "Ministry" means Ontario Ministry of the Environment, Conservation and Parks.

(d) "District Office" means the Ottawa District Office.

(e) "Permit" means this Permit to Take Water No. 0233-C98LEM including its Schedules, if any, issued in accordance with Section 34.1 of the OWRA.

(f) "Permit Holder" means Leitrim South Holdings Inc..

(g) "OWRA " means the *Ontario Water Resources Act,* R.S.O. 1990, c. O. 40, as amended.

(h) "District Manager" means the Ottawa District Manager. Any communications to the District Manager required under the conditions of this Permit shall be made to MOEOttawa@ontario.ca.

You are hereby notified that this Permit is issued subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. Compliance with Permit

1.1 Except where modified by this Permit, the water taking shall be in accordance with the application for this Permit To Take Water, dated December 19, 2018 and signed by David Kardish, and all Schedules included in this Permit.

1.2 The Permit Holder shall ensure that any person authorized by the Permit Holder to take water under this Permit is provided with a copy of this Permit and shall take all reasonable measures to ensure that any such person complies with the conditions of this Permit.

1.3 Any person authorized by the Permit Holder to take water under this Permit shall comply with the conditions of this Permit.

1.4 This Permit is not transferable to another person.

1.5 This Permit provides the Permit Holder with permission to take water in accordance with the conditions of this Permit, up to the date of the expiry of this Permit. This Permit does not constitute a legal right, vested or otherwise, to a water allocation, and the issuance of this Permit does not guarantee that, upon its expiry, it will be renewed.

1.6 The Permit Holder shall keep this Permit available at all times at or near the site of the taking, and shall produce this Permit immediately for inspection by a Provincial Officer upon his or her request.

1.7 The Permit Holder shall report any changes of address to the Director within thirty days of any such change. The Permit Holder shall report any change of ownership of the property for which this Permit is issued within thirty days of any such change. A change in ownership in the property shall cause this Permit to be cancelled.

2. General Conditions and Interpretation

2.1 Inspections
The Permit Holder must forthwith, upon presentation of credentials, permit a Provincial Officer to carry out any and all inspections authorized by the OWRA, the *Environmental Protection Act* , R.S.O. 1990, the *Pesticides Act* , R.S.O. 1990, or the *Safe Drinking Water Act,* S. O. 2002.

2.2 Other Approvals
The issuance of, and compliance with this Permit, does not:

(a) relieve the Permit Holder or any other person from any obligation to comply with any other

applicable legal requirements, including the provisions of the *Ontario Water Resources Act* , and the *Environmental Protection Act* , and any regulations made thereunder; or

(b) limit in any way any authority of the Ministry, a Director, or a Provincial Officer, including the authority to require certain steps be taken or to require the Permit Holder to furnish any further information related to this Permit.

2.3 Information

The receipt of any information by the Ministry, the failure of the Ministry to take any action or require any person to take any action in relation to the information, or the failure of a Provincial Officer to prosecute any person in relation to the information, shall not be construed as:

(a) an approval, waiver or justification by the Ministry of any act or omission of any person that contravenes this Permit or other legal requirement; or

(b) acceptance by the Ministry of the information's completeness or accuracy.

2.4 Rights of Action

The issuance of, and compliance with this Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.

2.5 Severability

The requirements of this Permit are severable. If any requirements of this Permit, or the application of any requirements of this Permit to any circumstance, is held invalid or unenforceable, the application of such requirements to other circumstances and the remainder of this Permit shall not be affected thereby.

2.6 Conflicts

Where there is a conflict between a provision of any submitted document referred to in this Permit, including its Schedules, and the conditions of this Permit, the conditions in this Permit shall take precedence.

3. Water Takings Authorized by This Permit

3.1 Expiry

This Permit expires on **December 22, 2024**. No water shall be taken under authority of this Permit after the expiry date.

3.2 Amounts of Taking Permitted

The Permit Holder shall only take water from the source, during the periods and at the rates and amounts of taking specified in Table A. Water takings are authorized only for the purposes specified in Table A.

Table A

	Source Name / Description:	Source: Type:	Taking Specific Purpose:	Taking Major Category:	Max. Taken per Minute (litres):	Max. Num. of Hrs Taken per Day:	Max. Taken per Day (litres):	Max. Num. of Days Taken per Year:	Zone/ Easting/ Northing:
1	Trench Sump	Pond Dugout	Construction	Dewatering Construction	12,000	24	9,100,000	365	18 453120 5017340
2	Miscellaneous Ponds	Pond Dugout	Construction	Dewatering Construction	6,000	24	8,000,000	365	18 453120 5017340
						Total Taking:	17,100,000		

4. Monitoring

4.1 Under section 9 of O. Reg. 387/04, and as authorized by subsection 34(6) of the *Ontario Water Resources Act* , the Permit Holder shall, on each day water is taken under the authorization of this Permit, record the date, the volume of water taken on that date and the rate at which it was taken. The daily volume of water taken shall be measured by a flow meter or calculated in accordance with the method described in the application for this Permit, or as otherwise accepted by the Director. The Permit Holder shall keep all records required by this condition current and available at or near the site of the taking and shall produce the records immediately for inspection by a Provincial Officer upon his or her request. The Permit Holder, unless otherwise required by the Director, shall submit, on or before March 31st in every year, the records required by this condition to the Ministry's Water Taking Reporting System.

4.2 The Permit Holder shall carry out the monitoring and reporting requirements as stipulated in the following conditions of the permit.

4.3 The existing groundwater monitoring network consists of monitors BH13-24A, BH13-24B, BH13-32A, BH13-32B, BH13-33A, BH13-33B, BH14-34A, BH14-34B, DP20-1, DP20-02, DP20-03, DP20-04, DP20-05, DP20-06, and DP21-07. The locations of all existing groundwater monitors are identified in Item 3 of Schedule A.

4.4 Two additional shallow groundwater monitors are to be installed at the site. One of the monitors is to be located approximately halfway between monitors DP20-02 and DP20-07 and to be identified as DP21-08. One of the monitors is to be installed approximately 100 metres north of monitor BH13-32 and is to be identified as DP21-09. The District Manager is to be provided with the installation details and location of the monitors once they have been installed. No water takings may occur from Source 1 of this permit until monitors DP21-08 and DP21-09 have been installed.

4.5 For the duration of the Permit, dataloggers shall be installed and maintained at groundwater monitors BH13-24A, BH13-24B, BH13-32A, BH13-32B, BH13-33A, BH13-33B, BH14-34A, BH13-34B, DP20-02, DP20-04, DP20-06, DP21-07, DP21-08 (once installed), and DP21-09 (once installed) with groundwater levels measured and recorded at an hourly frequency.

4.6 If any of the DP-labelled monitors (as identified in conditions 4.3 and 4.4) go dry during water taking activities (the water level falls below the bottom of the monitor and a manual water level cannot be collected), the monitor should either be deepened to an appropriate depth or a replacement monitor of greater depth installed. This work should be completed as soon as reasonably practical. If this action is not completed in a reasonable period of time, the District Manager may require additional contingency actions to be taken that could include alteration of the pumping activities or requiring pumping to cease.

4.7 Should any of the dataloggers identified in Condition 4.5 become inoperable due to malfunction they shall be replaced as soon as reasonably possible. If malfunctions are identified during a period when pumping is occurring, daily manual water level measurements should be taken until such time as the malfunctioning data logger has been replaced.

4.8 Groundwater monitoring data shall be collected and reviewed at the frequency specified below.
a) During any month when no groundwater takings occur from Source 1 of this Permit, the Permit Holder shall collect and review the logged groundwater level data from those groundwater monitors identified in condition 4.5 and manual water level readings from all groundwater monitors (as identified in conditions 4.3 and 4.4) once per month.
b) If the Permit Holder intends to take water from Source 1 of this permit for the first time during a month when no water was taken from Source 1 during the previous month, the permit holder shall collect and review the logged groundwater level data from those groundwater monitors identified in condition 4.5 and collect manual water level readings from all groundwater monitors (as identified in conditions 4.3 and 4.4) prior to the taking of any water. This data should be reviewed, and trigger levels should be developed and accepted by the District Manager for groundwater monitors BH13-32B and BH13-33B, prior to the taking of water from Source 1. If the Permit Holder feels that a previously approved trigger value under this condition is no longer valid, they can make a request to the District Manager to amend the trigger value.
c) Once water takings occur from Source 1 of this Permit, the Permit Holder shall collect and review the logged groundwater level data from those groundwater monitors identified in condition 4.5 and manual water level readings from all groundwater monitors (as identified in conditions 4.3 and 4.4) once per week. A monthly monitoring report shall be prepared and provided to the District Manager during periods when pumping is occurring from Source 1. The report shall include and assess all water level data, water taking data, precipitation data, and any other relevant data. The report should compare the identified drawdowns to those predicted and recommend contingency actions if appropriate. The monitoring and reporting frequencies stipulated under this condition shall be adhered to until such time that water takings are no longer occurring from Source 1.
d) If water takings are occurring from Source 1 of this Permit, and water levels at BH13-32B drop below the trigger elevation as established under condition 4.8(b), manual water levels shall be collected and reviewed daily at groundwater monitors BH13-32B, DP21-07, DP21-08, and DP21-09. The reporting frequency as detailed in condition 4.8(c) is to increase to weekly. These requirements are in addition to the monitoring requirements required under condition 4.8(c) and shall continue until such time that water levels are no longer below the trigger elevation for at least 2 consecutive days.

e) If water takings are occurring from Source 1 of this Permit, and water levels at BH13-33B drop below the trigger elevation as established under condition 4.8(b), manual water levels shall be collected and reviewed daily at groundwater monitors BH13-33B, DP20-01, and DP20-02. The reporting frequency as detailed in condition 4.8(c) is to increase to weekly. These requirements are in addition to the monitoring requirements required under condition 4.8(c) and shall continue until such time that water levels are no longer below the trigger elevation for at least 2 consecutive days.

4.9 If water takings from Source 1 are to be completed using a groundwater dewatering wellpoint system (wellpoint system), the District Manager is to be notified and provided with a dewatering plan at least 72 hours prior to the system being operated. The dewatering plan shall include the system design details and provide the details of any supplementary monitoring that will be completed during the operation of the wellpoint system. If a wellpoint dewatering system is used, the District Manager may require additional groundwater monitoring and reporting to be completed and could require changes to the dewatering plan.

4.10 If the Permit Holder or their representatives become aware that groundwater drawdowns are present at monitors DP20-03 and/or DP20-05 and are interpreted to be the result of or contributed to by water takings associated with this Permit, regardless of magnitude, they shall notify the District Manager within 24 hours and manual water levels shall be collected and reviewed daily at monitors DP20-03, DP20-04, DP20-05, and DP20-06. The reporting frequency as detailed in condition 4.8(c) is to increase to weekly. These requirements are in addition to the monitoring requirements required under condition 4.8(c) and shall continue until such time that pumping related drawdowns are no longer interpreted to be present at DP20-03 and DP20-05.

4.11 If the Permit Holder or their representatives become aware that groundwater drawdowns are present at monitors DP20-04 and/or DP20-06 and are interpreted to be the result of or contributed to by water takings associated with this Permit, regardless of magnitude, they shall notify the District Manager within 24 hours, and prepare and provide a Contingency Action Plan as soon as reasonably possible. The Contingency Action Plan shall consider the need for actions such as (but not necessarily limited to): increased monitoring and reporting frequency, the assessment of surface water conditions within the Casino Wetland, development and implementation of a monitoring program within the Casino Wetland, and/or alterations to the water taking strategy (which may include a need to reduce or cease pumping). Once approved by the District Manager, the Contingency Action Plan shall be implemented within the timelines to be provided by the District Manager. The District Manager may provide additional requirements in addition to those proposed in the Contingency Action Plan at their discretion.

4.12 If it becomes apparent that the actual drawdowns occurring at the site exceed those predicted, the District Manager may require that an updated impact assessment be completed, and may require contingency actions to be taken prior to or after reviewing the Contingency Action Plan, and may include alterations to the water taking activities and potentially to cease pumping.

4.13 Water takings from Source 1 of this Permit shall only occur during periods when the vegetation

in the Leitrim Wetland and Casino Wetland are dormant, as verified by an appropriately qualified wetland ecologist.

4.14 The Permit Holder shall conduct a survey of the wetland area located within 300 metres of the proposed locations where water takings are to occur for Source 1 and where property access can be obtained. The survey should identify any locations where ponded surface water, surface water channels, and suspected groundwater discharge areas are present. The survey should be completed by an appropriately qualified person.

4.15 Where practical to do so staff gauges and data loggers shall be installed in all surface water features identified by the assessment required under condition 4.14 and deemed to be significant (as determined by the Permit Holder and accepted by the District Manager). All staff gauges and dataloggers should be installed prior to pumping from Source 1 to allow for sufficient baseline data to be collected. All staff gauges installed shall be surveyed to a local elevation datum. The data loggers shall be set to measure water depth, temperature and dissolved oxygen at a frequency of every 3 hours, or an alternate frequency if approved by the District Manager.

4.16 The findings of the wetland assessment required under condition 4.14 and the details of all staff gauge and data loggers installed under condition 4.15 are to be summarized in a report and provided to the District Manager for review. No water takings are to occur from Source 1 until the District Manager has confirmed that those actions required under conditions 4.14 and 4.15 have been completed to their satisfaction.

4.17 During periods when water is being taken from Source 1, the dataloggers identified in condition 4.15 are to be downloaded weekly. Staff gauge readings and photographs are to be taken every time the dataloggers are downloaded. The results are to be analyzed and provided to the District Manager for review on a weekly basis.

4.18 Reporting
The Permit Holder shall prepare an annual report and submit copies to the Ministry's Ottawa District Office within 60 days at the end of each calendar year. This report will, as a minimum, provide a summary of the water taking activities for each calendar year, report on all data obtained and provide an interpretation including comparison to historical data, any suggested modifications to the monitoring programs, and an assessment of the need for any mitigation measures for the adverse impacts related to the water takings and a description of any such measures.

4.19 Leitrim Wetland Monitoring Program
The Permit Holder shall conduct aerial imagery of the Leitrim Wetland and vicinity in September or October of the years 2018/2019, 2021 and 2024.

4.20 The aerial imagery in Condition 4.19 may be obtained from a dedicated photographic mission or from general surveys conducted in the area of the Findlay Creek development. Current and historical imagery will also be obtained to permit the assessment of historical change in the wetland and allow comparison to changes in the wetland area, size and extent of plant communities and principal drainage features throughout the life of the Permit.

4.21 The Permit Holder will conduct a fixed-point photographic survey of vegetation at fixed monitoring points along a transect line as depicted in Figure MP-1 (Item 1, Schedule A of this Permit) during the height of the growing season using the photographic protocols described in the Technical Memorandum dated January 7, 2015 entitled Photographic Protocols Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change (Item 2, Schedule A of this Permit).

4.22 The Permit Holder will ensure that the transect referred to in Condition 4.21 extends for a distance of approximately 400 metres (150 metres west and then 250 metres north) into the wetland from the base of the property line near BH 13-24 at the northwest section as shown in Figure MP-1 (Item 1, Schedule A of this Permit). The transect will be 2 metres wide and compositional data will be collected from one metre on either side of the transect centre line.

4.23 The Permit Holder shall collect vegetation inventory data for each 10 metre segment of the transect.

4.24 The Permit Holder shall at approximately 100 metre intervals along the transect described in Conditions 4.21 and 4.22 establish a fixed plot sampling location that is 10 metres X 10 metres in a relatively homogeneous vegetation stand that represents a single plant community type or a homogeneous mosaic of community types. The corners of the plot will be geo-referenced and marked with a permanent stake.

4.25 The Permit Holder shall within each plot established in Condition 4.24 conduct a full inventory of vascular plants. Once the composition of each plot is established, the Permit Holder will randomly place five, 1 metre X 1 metre plots within the 10 metre X 10 metre plots. Within each 1 metre X 1 metre plot the cover representation of each species including mosses will be estimated as well as dead vegetation, water and bare substrate. Within each 1 metre X 1 metre plot, the vegetation structure will also be identified including discernible strata, maximum height of those strata and general density of each stratum.

4.26 The Permit Holder shall conduct the first vegetation inventory and assessment in 2015 (previously conducted) and every three years following: 2018/2019, 2021 and 2024.

5. Impacts of the Water Taking

5.1 Notification

The Permit Holder shall immediately notify the local District Office of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint. The Permit Holder shall immediately notify the local District Office if the taking of water is observed to have any significant impact on the surrounding waters. After hours, calls shall be directed to the Ministry's Spills Action Centre at 1-800-268-6060.

5.2 For Surface-Water Takings

The taking of water (including the taking of water into storage and the subsequent or simultaneous withdrawal from storage) shall be carried out in such a manner that streamflow is not stopped and is not reduced to a rate that will cause interference with downstream uses of water or with the natural functions of the stream.

For Groundwater Takings

If the taking of water is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected, a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of doing so.

If permanent interference is caused by the water taking, the Permit Holder shall restore the water supplies of those permanently affected.

5.3 Prevention of Structural Adverse Effects

The Permit Holder shall take all measures necessary to prevent damage to buildings, bridges, structures, roads and/or railway lines that may be impacted either directly or indirectly by this taking.

5.4 Prevention of Adverse Effects

The Permit Holder shall ensure the taking of water under authority of this Permit does not result in an adverse effect in area waters.

5.5 Takings from Source 1 (Trench Sump) and Source 2 (Miscellaneous Ponds)

The Permit Holder shall divert all water that is required to be dewatered resulting from construction activities to the stormwater sewer system.

5.6 Discharge of Water to the Sanitary or Storm Sewer System
The Permit Holder shall ensure that any water taken for dewatering purposes and discharged to the City of Ottawa sewer system is done so in accordance with the City of Ottawa Sewer Use Program.

6. Director May Amend Permit
The Director may amend this Permit by letter requiring the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director in the letter. The suspension or reduction in taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect your right to appeal the suspension or reduction in taking to the Ontario Land Tribunal under the *Ontario Water Resources Act* , Section 100 (4).

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is included to ensure that the conditions in this Permit are complied with and can be enforced.

2. Condition 2 is included to clarify the legal interpretation of aspects of this Permit.

3. Conditions 3 through 6 are included to protect the quality of the natural environment so as to safeguard the ecosystem and human health and foster efficient use and conservation of waters. These conditions allow for the beneficial use of waters while ensuring the fair sharing, conservation and sustainable use of the waters of Ontario. The conditions also specify the water takings that are authorized by this Permit and the scope of this Permit.

In accordance with Section 100 of the *Ontario Water Resources Act, R.S.O. 1990,* you may by written notice served upon me and the Ontario Land Tribunal within 15 days after receipt of this notice, require a hearing by the Tribunal. Section 101 of the *Ontario Water Resources Act, R.S.O. 1990,* as amended, provides that the notice requiring the hearing ("the Notice") shall state:

1. The portions of the Permit or each term or condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

a. The name of the appellant;
b. The address of the appellant;
c. The Permit to Take Water number;
d. The date of the Permit to Take Water;
e. The name of the Director;
f. The municipality within which the works are located;

This notice must be served upon:

*Registrar**
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

AND

The Director, Section 34.1,
Ministry of the Environment, Conservation and Parks
Floor 1, 135 St Clair Ave W
Toronto, ON
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca.**

This Permit cancels and replaces Permit Number 3480-BALRD9, issued on 2019/04/09.

Dated at Toronto this 7th day of December, 2021.

Gregory Meek
Director, Section 34.1
Ontario Water Resources Act , R.S.O. 1990

Schedule A

This Schedule "A" forms part of Permit To Take Water 0233-C98LEM, dated December 7, 2021.

1. Figure MP-1 entitled "Vegetation Monitoring Component" dated January 7, 2015 and prepared by Golder Associates for the Category 3 PTTW Application Remer Lands provided on page 3 of the Technical Memo dated January 7, 2015, entitled "Photographic Protocols, Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change.

2. Technical Memo dated January 7, 2015, entitled "Photographic Protocols, Photomonitoring Program, Remer Lands" from Caitlin Cooke, M. Sc., P. Geo., Hydrogeologist, Golder Associates Ltd., to Peter Taylor, PTTW Director, Ministry of the Environment and Climate Change.

3. Figure 1 from the Technical Memorandum titled "Assessment of Potential Wetland Impacts During Temporary Dewatering Phase 3 Pathways Residential Development, Ottawa, Ontario, PTTW No. 3480-BALRD9" prepared by Golder Associates Ltd. and dated September 29, 2021.

Ministry of the Environment, Conservation and Parks
Environmental Assessment and Permissions Division
Brownfields and Permit to Take Water
Permit To Take Water Unit
Floor 1, 135 St Clair Ave W
Toronto, ON
M4V 1P5
Tel: (416) 314-7040

Ministère de l'Environnement, de la Protection de la nature et des Parcs
Division des évaluations et des permissions environnementales
Réaménagement des friches contaminées et réglementation des prélèvements d'eau
Unité de la réglementation des prélèvements d'eau
1er étage, 135 av St. Clair O
Toronto, ON
M4V 1P5
Tél:(416) 314-7040

Ontario

December 7, 2021

Leitrim South Holdings Inc.
1737 Woodward Dr
Ottawa, Ontario, K2C 0P9
Canada

Attn: David Kardish:

RE: Permit To Take Water No.0233-C98LEM
4800 Bank Street
Ottawa
Reference Number 0635-C8M4Y9

Please find attached a Permit to Take Water which authorizes the withdrawal of water in accordance with the application for this Permit to Take Water, dated December 19, 2021 and signed by David Kardish. This Permit cancels and replaces Permit No. 3480-BALRD9 issued on April 9, 2019.
This Permit expires on December 22, 2024.

Authorized rates and amounts are indicated on Table A. Section 9(3) of Ontario Regulation 387/04 (Water Taking and Transfer) requires all holders of a permit to report daily water taking amounts annually, in a manner and form approved by the Director (https://www.lrcsde.lrc.gov.on.ca/wtrs/). For the purpose of s. 9(3), such reports shall be submitted electronically to the Water Taking Reporting System (WTRS) electronic database or via hard copy, as described in the Technical Bulletin entitled "Permit to Take Water Program Monitoring and Reporting of Water Takings", dated August 2010 (https://archive.org/details/std01079790.ome/mode/2up).

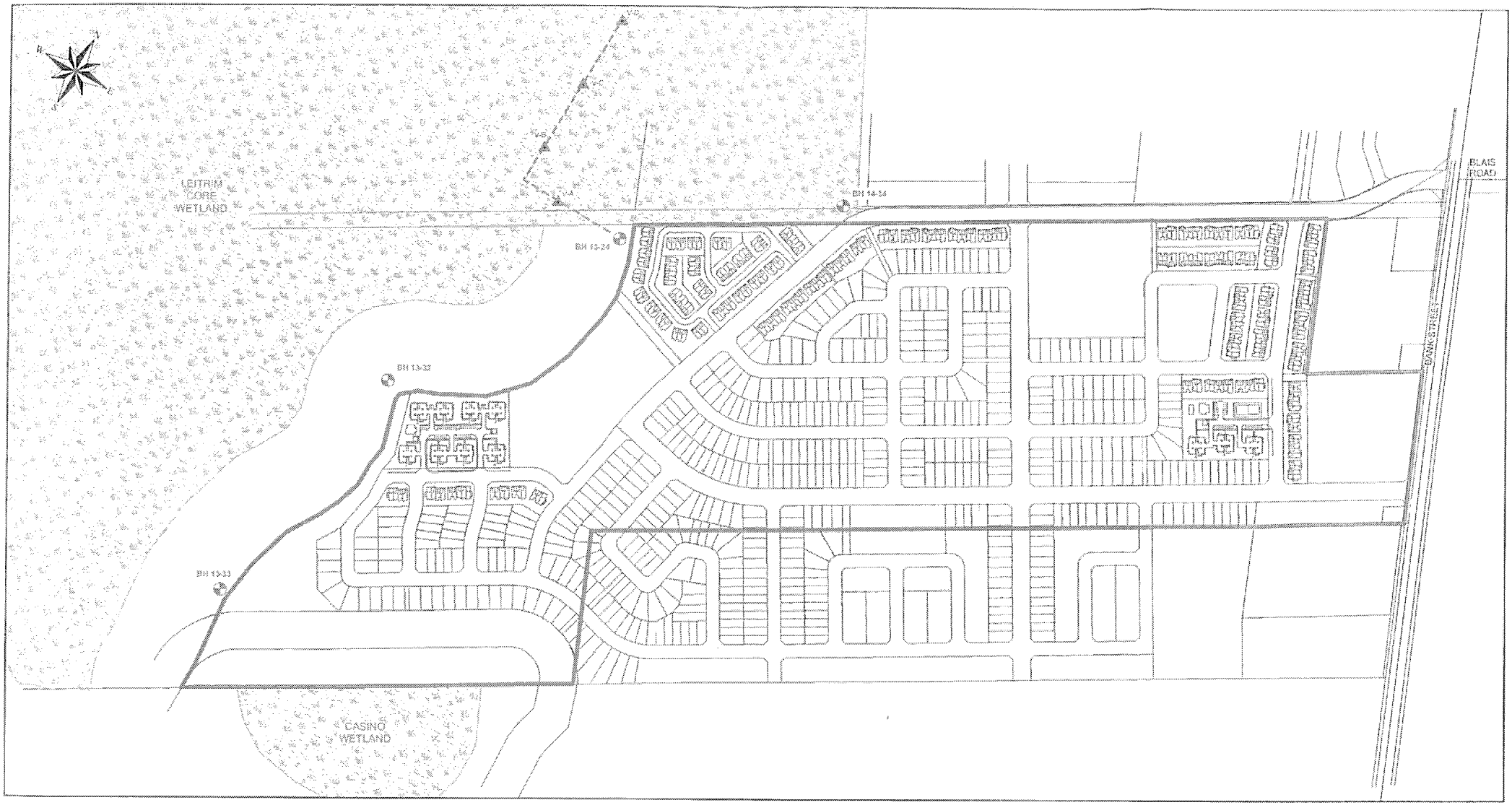
If you have questions about reporting requirements, please call the WTRS Help Desk at 416-235-6322 (toll free: 1-877-344-2011) or by email, WTRSHelpdesk@ontario.ca. It is preferred that you submit your data directly and electronically to the WTRS. Where this is impracticable, please contact the WTRS Help Desk to arrange for written submission of your data.

Condition 1.4 specifically indicates that this Permit is not transferable to another party. Any queries regarding a change in owner/operator should be made to the Permit to Take Water Evaluator at the above address.

Take notice that in issuing this Permit, terms and conditions pertaining to the taking of water and to the results of the taking have been imposed. The terms and conditions have been designed to allow for the development of water resources, while providing reasonable protection to existing water uses and users.
Yours truly,

Gregory Meek
Supervisor (Acting), Permit To Take Water
Director, Section 34.1, Ontario Water Resources Act, R.S.O. 1990
Environmental Permissions Branch

File Storage Number: -



LEGEND

- BOREHOLE LOCATION IN PLAN, CURRENT INVESTIGATION
- VEGETATION MONITORING AND PHOTOMONITORING PLOT LOCATION
- VEGETATION MONITORING TRANSECT
- ROAD
- REMER LANDS STUDY AREA BOUNDARY
- WETLAND AREA

100 50 0 100

SCALE 1:5,000 METRES

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT No. 13-1121-0083/1070

REFERENCE

BASE DATA PLAN PROVIDED IN ELECTRONIC FORMAT BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., JUNE 2014.
LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEEN'S PRINTER 2011
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: MTM ZONE 9

PROJECT
CATEGORY 3 PTTW APPLICATION
REMER LANDS

TITLE
VEGETATION MONITORING COMPONENT

Golder Associates
Ottawa, Ontario

PROJECT No.	13-1121-0083	SCALE AS DEPICTED	REV. 0
DESIGN	CAF	2013-11-26	
CADD	BB	2014-01-06	
CHECK	RAA	2014-01-07	
REVIEW	RAA	2014-01-07	

FIGURE MP-1

Golder Associates

TECHNICAL MEMORANDUM

DATE January 7, 2015 **PROJECT No.** 13-1121-0083/1070

TO Peter Taylor, Director
Ontario Ministry of the Environment and Climate Change

CC Dana Cruikshank, MOECC
Steve Cunliffe, Regional Group

FROM Caitlin Cooke **EMAIL** ccooke@golder.com

PHOTOGRAPHIC PROTOCOLS, PHOTOMONITORING PROGRAM, REMER LANDS

As a condition of a Permit to Take Water issued to allow water taking to occur during construction on the Remer lands, the Ministry of the Environment and Climate Change (MOECC) requires that a photomonitoring program be conducted in the Leitrim Core Wetland. Photo-monitoring is a relatively rapid and efficient means of documenting conditions at the time of the observations. This memo describes the photographic protocols that will be used during the photomonitoring sessions.

Fixed-point photomonitoring points will be established in the Leitrim Core Wetland along a vegetation transect line and be established at the same locations that are used for the fixed plot sampling of vegetation (see Figure MP-1). A technique described by Van Horn and Van Horn (1996)[1], known as quantitative photomonitoring, will be used for monitoring vegetation at fixed locations (marked with iron bars with flags) within the core wetland. The use of photographic technique provides a visual record of detectable changes over time. Examples of such changes include succession from a marsh or fen to a shrub thicket swamp community, invasion by alien species (e.g., Glossy Buckthorn Rhanmus frangula, Purple Loosestrife Lythrum salicaria) and prolonged inundation due to beaver activity. Quantitative photomonitoring provides some rigor to the sampling approach, but does not require extensive quantitative sampling that can be time consuming and expensive.

Plots comprise a reference post, against which a black and white density board is placed (used to estimate height and cover of vegetation to be photographed), and a photopoint post, on which the observer's camera is placed to ensure that photographs are taken from the same vantage point during each monitoring event. At each plot (photopoints), observations of vegetation will be made against the density board located at the reference post. Estimates of the fraction of each band covered by vegetation (including dead plants) will be made. Additional measurements and observations include height/species of dominant trees, shrubs and groundcover plants located between the photopoint and the density board, depth/location of any standing water,

[1] Van Horn, M., and Van Horn, K. 1996. Quantitative photomonitoring for restoration projects. Restor. Manage. Notes 14: 30-34.

BEST MANAGED COMPANIES Platinum member

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tree/shrub health, site disturbance, etc. Panoramic photographs of wetland communities will also be taken during each monitoring event, using permanent markers (iron bars) to ensure standardized photography. All plot locations will be mapped using GPS data collected during the establishment of the monitoring plots.

Because the great majority of vascular plants in wetlands are perennials and annual variations are expected to be small, this sampling will be conducted at the initiation of the program (i.e., 2015) and then every third year during the monitoring period (i.e., 2018, 2021 and 2024).

Please contact the undersigned if you have any questions.

Yours truly,

GOLDER ASSOCIATES LTD.

Caitlin Cooke, M.Sc., P.Geo.
Hydrogeologist

Paul Smolkin, P.Eng.
Principal

CAMC/PAS/sg
n:\active\2013\1121 - geotechnical\13-1121-0083 remer and idone lands\phase 1070 remer pttw application\mem vegetation monitoring program_7jan2015.docx

Attachment: Figure MP-1

Golder Associates

REPORT

September 2014

REPORT ON

Hydrogeological Study in Support of a Category 3 Application for a Permit to Take Water Remer Lands, Ottawa, Ontario

Submitted to:
Ontario Ministry of the Environment
Environmental Assessment and Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

Report Number: 13-1121-0083 (1070)

Distribution:

1 copy - Ontario Ministry of the Environment
1 copy - Leitrim South Holdings Inc.
1 copy - IBI Group
2 copies - Golder Associates Ltd.

Golder Associates

An agreement between Leitrim South Holdings Inc. and Findlay Creek Properties Ltd. has been developed that includes authorization for Leitrim South Holdings Inc. to access and use the existing monitoring well network owned by Findlay Creek Properties Ltd.; and, authorization for Leitrim South Holdings Inc. to obtain water level data from Golder (in our role as consultant for Findlay Creek Properties Ltd.) at monitors installed in boreholes 03-7, 03-8, 03-9, 09-11 and 97-2. This data would be used to assess if dewatering associated with construction of sewers on the Remer lands is causing impacts to water levels in the Leitrim Core Wetland.

During periods of pumping inactivity, it is proposed that data be downloaded from the dataloggers at these five monitor pairs and reviewed on an approximately monthly frequency. During periods of temporary groundwater control from trench sumps on the Remer lands (Source 1), data is proposed to be downloaded from these dataloggers and reviewed every two weeks. If groundwater levels are found to be less than 0.1 m above their respective trigger elevations (discussed in Section 6.1.2), the data downloading and review frequency would be increased to weekly.

5.1.2 Trigger Elevations

The purpose of trigger elevations is to provide a benchmark for assessing whether groundwater control activities are drawing groundwater levels below seasonally low benchmark levels at the Leitrim Core Wetland, and to provide a mechanism under the PTTW to halt groundwater taking if groundwater elevations fall below their respective triggers. Despite the uncertainty involved with predicting or preventing vegetation community change, one way to minimize the possibility of negative effects is to monitor wetland water levels and implement mitigation measures if levels fall below established trigger levels. The reasoning is that temporary groundwater control activities during subdivision construction should not result in water levels falling below minimum levels experienced naturally. Naturally-occurring dry conditions in the wetland can occur at any time of the year, can last for several months and the effects (if any) on wetland vegetation during dry periods would be indistinguishable from any potential effects due to temporary groundwater level lowering during dewatering. To minimize the possibility of negative effects on the wetland, the trigger elevations therefore should be set at seasonally low groundwater elevations that are known to be conservative since groundwater levels lower than the triggers naturally occur. This has been observed during the Findlay Creek Village development PTTW groundwater monitoring program during most of each of the past 10 years.

Trigger elevations for the Remer lands are not proposed for the groundwater monitors installed in the bedrock. This is because the Leitrim Core Wetland vegetation communities are supported by overburden groundwater levels remaining within their natural ranges, and the vegetation is not affected by changes in bedrock groundwater elevations. Although a drawdown in bedrock groundwater levels may induce a change in the overlying overburden water levels, so long as overburden water levels remain within their natural ranges, impacts to wetland vegetation are not anticipated.

The PTTW for site servicing at the Findlay Creek Village development specifies groundwater trigger elevations for the groundwater monitors installed in the Leitrim Core Wetland. The groundwater trigger elevations at boreholes 03-7, 03-8, 03-9, 09-11 and 97-2 were established in 2005 based on seasonally low groundwater levels recorded during 1998, September to December 2003 and May to December 2004. Based on the potential for groundwater pumping on the Remer lands to affect groundwater levels at portions of the Leitrim Core Wetland near Findlay Creek Village, it is proposed to establish trigger elevations at monitors BH03-7B, BH03-8B, BH03-9B, BH09-11B and BH97-2B to be applied when groundwater pumping occurs from servicing trenches at

the Remer lands. Trigger elevations for the Remer PTTW at these off-site monitors are only proposed for the groundwater monitors installed in the overburden, and are proposed to be identical to the trigger elevations specified in the Findlay Creek Village PTTW.

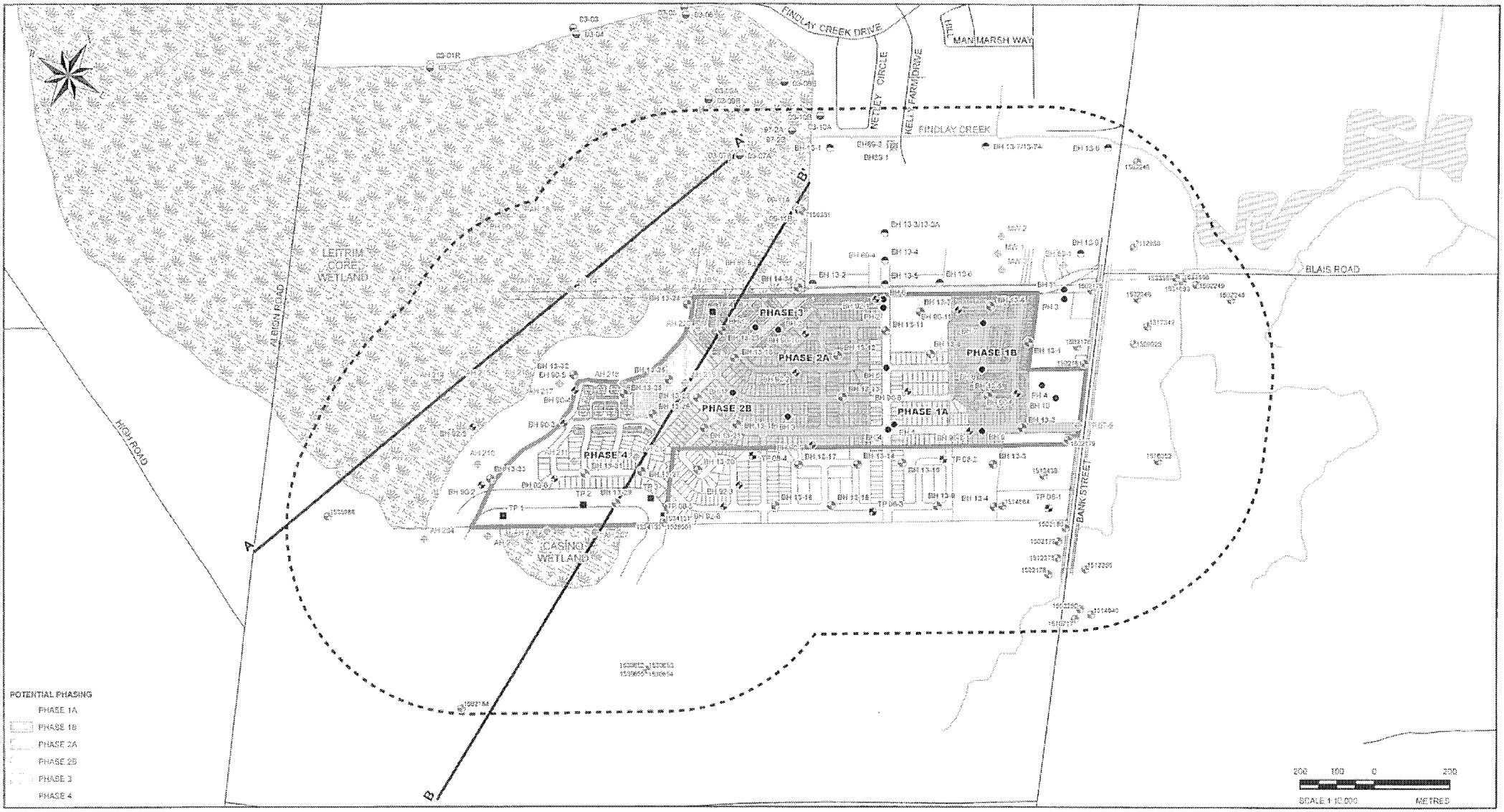
Since only four to five months of preconstruction groundwater elevation data is currently available at the monitors on the Remer lands, the data is not available to assign a trigger elevation that appropriately reflects the possible seasonal variations in groundwater level, and that reflects the sensitivity of groundwater elevations in this area to variable precipitation, particularly in the summer months. The extensive database of groundwater elevations recorded at Findlay Creek Village does provide insight into the range of possible historically low groundwater elevations during years with low precipitation. The closest Findlay Creek Village monitor to the Remer lands is BH09-11B (refer to Figure 9), and it is the monitor most similar to those on the Remer lands in terms of their geographic and hydrogeologic setting. Monitor 09-11B is located near the edge of the wetland, adjacent to the berm. It can reasonably be expected that groundwater levels at 09-11B would respond similarly to low precipitation conditions, and to groundwater taking from trenches. The trigger elevation at 09-11B was set at approximately 2 metres below ground surface. Similarly, the trigger elevations at the Remer lands overburden groundwater monitors are proposed to be set at 2 metres below ground surface.

The established trigger elevations for overburden monitors located at Findlay Creek Village and proposed trigger elevations for overburden monitors located at the Remer lands are given in the table below:

Monitor	Ground Surface Elevation (m)	Site	Season	Established Trigger Water Level Elevation (m)	Proposed Trigger Water Level Elevation (m)
BH13-24B	94.43	Remer	All	N/A	92.5
BH13-32B	96.12	Remer	All	N/A	94.2
BH13-33B	100.93	Remer	All	N/A	98.9
BH14-34B	93.81	Remer	All	N/A	91.8
BH97-2B	92.85	FCV	All	91.2	N/A
BH03-7B	93.40	FCV	All	92.6	N/A
BH03-8B	93.01	FCV	Spring/summer (Apr-Sept) Fall/winter (Oct-Mar)	91.1 91.8	N/A
BH03-9B	93.78	FCV	All	93.0	N/A
BH09-11B	93.29	FCV	All	91.3	N/A

Notes:
FCV: Findlay Creek Village
N/A: not applicable

It is requested that the PTTW allow flexibility in altering the trigger elevations at the groundwater monitors located on the Remer lands, if the collection of future groundwater elevation data indicates that the proposed trigger elevations are not reflective of the natural range in groundwater elevations. Any requests to change the trigger elevations would be submitted to the Director, and would be accompanied by a supporting study.



LEGEND

- IAGB WELL LOCATION (FROM WWIS)
- BOREHOLE LOCATION IN PLAN, CURRENT INVESTIGATION
- APPROXIMATE BOREHOLE LOCATION IN PLAN, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD. REPORT No. 13-1121-0130
- APPROXIMATE BOREHOLE LOCATION IN PLAN, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD. REPORT No. 891-2029
- APPROXIMATE BOREHOLE LOCATION IN PLAN, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD. REPORT No. 891-2214
- APPROXIMATE MONITORING WELL LOCATION, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD. REPORT No. 09-1125-0021
- APPROXIMATE TEST PIT LOCATIONS IN PLAN, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD. REPORT No. 08-1121-0044
- APPROXIMATE BOREHOLE LOCATION IN PLAN, PREVIOUS INVESTIGATION BY JACQUES WHITFORD, REPORT No. 300227-1
- APPROXIMATE BOREHOLE LOCATIONS IN PLAN, PREVIOUS INVESTIGATION BY PATERSON GROUP, REPORT No. PG0627
- APPROXIMATE TEST PIT LOCATIONS IN PLAN, PREVIOUS INVESTIGATION BY PATERSON GROUP, REPORT No. PG0627
- APPROXIMATE BOREHOLE, TEST PIT AND HAND AUGERHOLE LOCATIONS IN PLAN, PREVIOUS INVESTIGATION BY GOLDER ASSOCIATES LTD.
- REMER LANDS STUDY AREA BOUNDARY
- REMER LANDS 500 m BUFFER
- CROSS-SECTION LOCATION, SEE FIGURES 7 AND 8
- ROAD
- WATERCOURSE
- WETLAND AREA
- STORMWATER MANAGEMENT PLAN

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT No. 13-1121-0083(1070)

REFERENCE

BASE DATA PLAN PROVIDED IN ELECTRONIC FORMAT BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., JUNE, 2014.
LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES.
© QUEENS PRINTER 2011
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: MTM ZONE 9

PROJECT
CATEGORY 3 PTTW APPLICATION
REMER LANDS

TITLE
SITE PLAN AND POTENTIAL PHASING PLAN

Golder Associates
Ottawa, Ontario

PROJECT No.	13-1121-0083	SCALE AT 8.5 (X)	REV.
DESIGN	CMC	2014-07-21	
CAD	BR	2014-09-30	
CHECK	AML	2014-09-30	
REVIEW	PVD	2014-09-30	

FIGURE 2

Ontario

Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

COMMENT / MEMORANDUM TO FILE

Memo Details

Date:	2019/04/12
Module:	Permit To Take Water With Fees Main Document Reference Number: 6718-B7UQ6P
Client:	
Site(s):	
Subject:	Schedule "A" documents
Created by:	Nicholas Murphy
File Storage Number:	SI OT 3480 220 (TS)

Document Links and Comments:	
Attachment Names:	Leitrim South Holdings Inc - Pathways (Remer Lands) Development - PTTW 3480-BALRD9 - Schedule A - Item #1.pdf; Leitrim South Holdings Inc - Pathways (Remer Lands) Development - PTTW 3480-BALRD9 - Schedule A - Item #2.pdf; Leitrim South Holdings Inc - Pathways (Remer Lands) Development - PTTW 3480-BALRD9 - Schedule A - Item #3 - GW Trigger Elevations.pdf; Leitrim South Holdings Inc - Pathways (Remer Lands) Development - PTTW 3480-BALRD9 - Schedule A - Item #3 - Site Plan & Potential Phasing Plan (Figure 2).pdf

Carson de Ridder

From: Public Information Services <publicinformationservices@tssa.org>
Sent: July 24, 2025 9:25 AM
To: Carson de Ridder
Subject: RE: PE6336 Records Search Request

External Email: Do not click on links or open attachments unless you trust the sender.

Hello ,

RECORD FOUND IN CURRENT DATABASE:

- We confirm that there are **fuels records** in our database at the subject address(es).

Inventory Number	Address	City	Province	Postal Code	Status	Reason Code	Asset Class
11406030	4863 BANK ST	OTTAWA	ON	K1X 1G6	Inactive	Dismantled	FS Propane
11541316	4863 BANK ST	OTTAWA	ON	K1X 1G6	EXPIRED	EXPIRED	FS Propane
70008153	4836 BANK ST	GLOUCESTER	ON	K1X 1G6	Active	Active	Propane
9643909	4863 BANK ST	OTTAWA	ON	K1X 1G6	Inactive	Dismantled	Propane

***NO OTHER RECORDS FOUND IN CURRENT DATABASE FOR THIS REQUEST**

For a further search in our archives, please go to the **TSSA Client Portal** to complete an Application for Release of Public Information. Please refer to Training (tssa.org) for instructions on how to use the portal. Please refer to How to Submit a Public Information Request (tssa.org) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Kind regards,

Aleena Tahir | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3546 | E-Mail: ATahir@tssa.org
www.tssa.org

Winner of 2024 5-Star Safety Cultures Award

From: Carson de Ridder <cderidder@patersongroup.ca>
Sent: Wednesday, July 23, 2025 3:46 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE6336 Records Search Request

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi,

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

Bank Street: 4835, 4836, 4850, 4863, 4870, 4906.
Dun Skipper Drive: 150.
Hawthorne Road: 4740.
Paakanaak Avenue: 503.
Rallidale Street: 87.

Thanks,

CARSON DE RIDDER
Environmental Field Technician – Student Intern
Environmental Division
TEL: (613) 226-7381 ext. N/A
DIRECT: (613) 200-7724
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is

privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

Ontario

B

31, 4/5a

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11 | 1513436 | MUNICIP. 15004 | CON. RF | 04

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
LETRIM Ottawa-Carleton	GLOUCESTER	IV RFC	022

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
UNITED CO - OP OF ~~ONTARIO~~ ONT	R. R. #6 OTTAWA, ONTARIO.	DAY 16 MO. 08 YR. 73

21 | UTM ZONE 18 | EASTING 453850 | NORTHING 5017215 | RC. 6 | ELEVATION 0323 | RC. 4 | BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Top Soil		Soft	0	4
Brown	Soil	Boulder	Hard	4	12
Grey	Limestone	Clay	Soft Porous	12	16
White	Limestone	Limestone Grey	Medium Hard	16	50

31 | 0001 4 6 9 2

32 | 0001 2 6 1 0 2 1 3 | 0001 6 2 1 5 T 0 5 T | 0005 0 1 1 5 T

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0048	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	~~22~~ 0022
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

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

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP 2 ☒ BAILER	0005 GPM	01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING ☒ 1 PUMPING 2 ☐ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
014 FEET	025 FEET	030 FEET	030 FEET	030 FEET	030 FEET

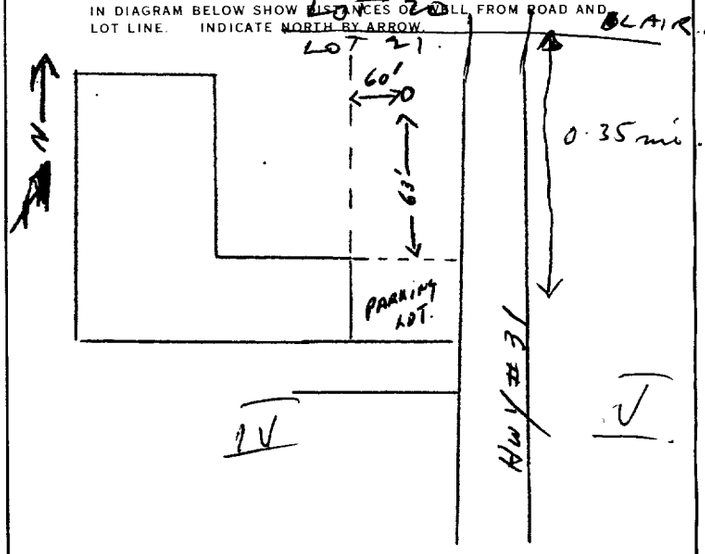
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☒ SHALLOW ☐ DEEP	030 FEET	0005 GPM

50-53: 000.3

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL	
	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE 01	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING	1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☒ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR	LICENCE NUMBER
HAWTHORNE DRILLING LIMITED	2557
ADDRESS: Box 4218 STATION "E" OTTAWA ONTARIO	
NAME OF DRILLER OR BORER: YVON AUBIN	LICENCE NUMBER: 2557
SIGNATURE OF CONTRACTOR: per [signature]	SUBMISSION DATE: DAY 25 MO 9 YR. 73

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	2557	28 09 73

DATE OF INSPECTION | INSPECTOR

REMARKS: P-R

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

316/5a

Ontario

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11 — 1514664 — MUNICIP. 15002 — CON. RF — 04

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Gloucester	~~II~~ RF IV	022

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
CDN Canadian Industries Ltd.	Hwy #31 Ottawa Ont	DAY 20 MO. 02 YR. 25

21 — UTM ZONE 18 — EASTING 453793 — NORTHING 5017090 — RC 4 — ELEVATION 0340 — RC 4 — BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Sand Gravel	Boulders.	Dense	0	13
Black.	Shale		Loose.	13	30
Grey	Limestone		Sound.	30	111
White	Sandstone		Sound	111	125

31 — 00136281113 00308117 01111215 01251118

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0032	1 ☑ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
0111	1 ☑ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
~~6 1/4~~ 06	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	~~22~~ 0022
~~5 7/8~~ 06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☑ OPEN HOLE		22	0125
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

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

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE GPM	DURATION OF PUMPING HOURS / MINS
1 ☑ PUMP 2 ☐ BAILER	0012	01 / 15

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☑ PUMPING 2 ☐ RECOVERY)	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
020 FEET	020 FEET		020 FEET	020 FEET	020 FEET	020 FEET

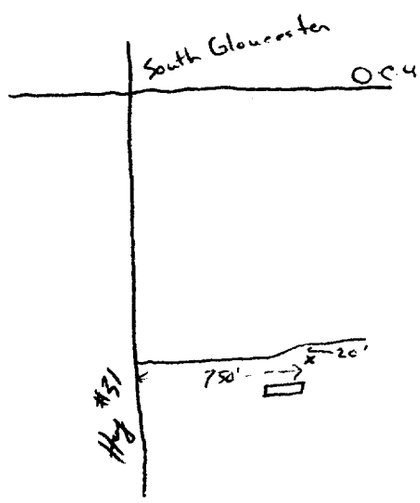
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
— GPM	80 FEET	1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☑ DEEP	080 FEET	0008 GPM

50-53 0240 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 5317

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



DRILLERS REMARKS:

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

WATER USE 04
1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☑ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF DRILLING 5
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	LICENCE NUMBER
Hawthorne Drilling Ltd	2558

ADDRESS: PO Box 4218 Stat. E.

NAME OF DRILLER OR BORER	LICENCE NUMBER
A. Emond	2558

SIGNATURE OF CONTRACTOR — SUBMISSION DATE DAY 24 MO. 2 YR. 25

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	2558	26 03 75

DATE OF INSPECTION — INSPECTOR — REMARKS: — P ✓ — WI

CSS.58

FORM 7 MOE 07-091

MINISTRY OF THE ENVIRONMENT COPY

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 | 514664 | MUNICIP

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Gloucester	III	22

OWNER (SURNAME FIRST) 28-47	ADDRESS	DATE COMPLETED 48-53
Canadian Industries Ltd.	Hwy #31 Ottawa Ont	DAY 20 NO. 2 YR. 25

21 | ZONE | EASTING | NORTHING | RC | ELEVATION | RC | BASIN CODE | II | II | 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	Sand Gravel	Boulders.	Dense	0	13
Black.	Shale		Loose.	13	30
Grey	Limestone		Sound.	30	111
White	Sandstone		Sound	111	125

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
32	1 ☑ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
111	1 ☑ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	22.
5 7/8	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☑ OPEN HOLE		22	125
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

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

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☑ PUMP 2 ☐ BAILER	12 GPM	1 HOURS 15 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☐ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
20 FEET	20 FEET	20 FEET	20 FEET	20 FEET	20 FEET

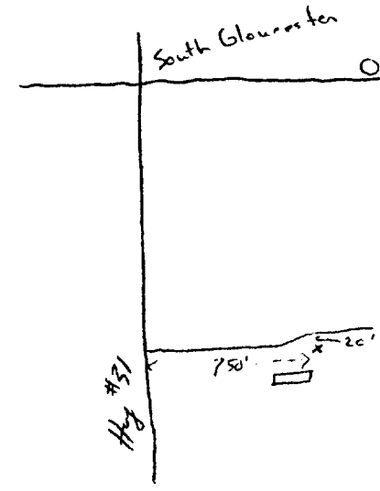
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
— GPM	80 FEET	1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☑ DEEP	80 FEET	8 GPM

50-53 ___ . ___ GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL	WATER USE	METHOD OF DRILLING
1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED	1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☑ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED	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	LICENCE NUMBER
Hawthorne Drilling Ltd	2558.
ADDRESS: PO Box 4218 Stat. E.	
NAME OF DRILLER OR BORER: A. Emond	2558
SIGNATURE OF CONTRACTOR	SUBMISSION DATE: DAY 24 MO. 2 YR. 25

OFFICE USE ONLY

DATA SOURCE 58	CONTRACTOR 59-62	DATE RECEIVED 63-68
DATE OF INSPECTION	INSPECTOR	
REMARKS:		P
		WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-0

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 | 1528501 | MUNICIP 15002 | CON. RF | 04

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC	LOT
[redacted]	GLOUCESTER	4 RF WPT	22

DATE COMPLETED: DAY 27 MO 04 YR 95

[redacted]49 ALBION RD.

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	TO
BROWN	SAND		PACKED	0	5
BROWN	SANDY CLAY + STONES		HARD PAN	5	50
BROWN	SAND + GRAVEL		PACKED	50	89
GREY	LIMESTONE		MED. HARD	89	120
		91' of 6 1/4" CASING			
		1 HEAVY SHOE			
		1 CAP			
		10 BAGS OF CEMENT			

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
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
	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	TO
6 1/4"	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE 5 ☐ PLASTIC	.188	0	90
5 15/16"			90	120
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	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.)
2	25	CEMENT GROUT
0	2	ROCK CUTTINGS

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP 2 ☒ BAILER	30 GPM	HOURS MINS

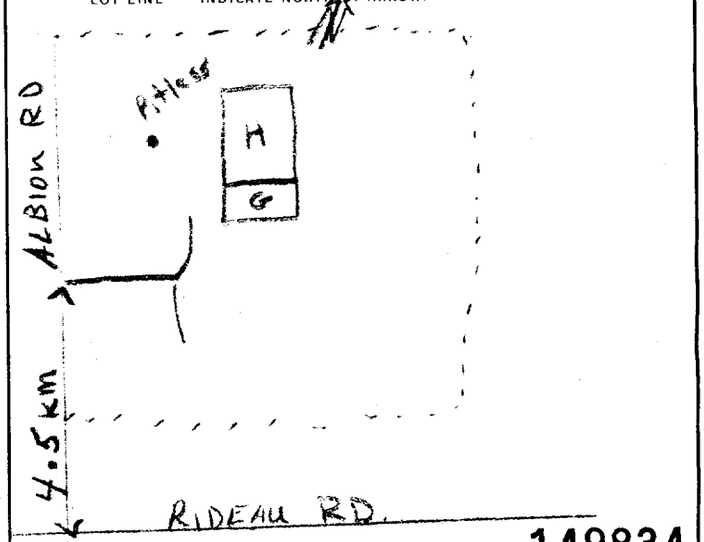
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☒ PUMPING 2 ☐ RECOVERY)	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
22 FEET	38 FEET		38 FEET	38 FEET	38 FEET	38 FEET

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	55 FEET	10 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 149834

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: B. MOORE WELL DRILLING — WELL CONTRACTOR'S LICENCE NUMBER: 6455

ADDRESS: 5496 MAIN ST OSGOODE ONT

NAME OF WELL TECHNICIAN: Bob MOORE — WELL TECHNICIAN'S LICENCE NUMBER: T-0319

SIGNATURE OF TECHNICIAN/CONTRACTOR: Bob Moore — SUBMISSION DATE: DAY 28 MO 04 YR 95

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR: 6455 | DATE RECEIVED: MAY 23 1995

DATE OF INSPECTION | INSPECTOR

REMARKS

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FORM NO. 0506 (11/86) FORM 9

Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

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

11 — 1530652

Municipality: 15002 — Con.: RF — 04

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
Ottawa Carleton	Gloucester	2	23

[redacted]

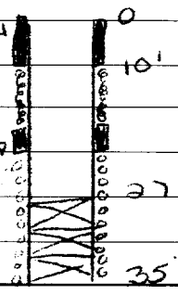
Address: 4837 Albion Rd

Date completed: 23 (day) 05 (month) 99 (year)

21 — 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	stone + sand		HW #25	0	35



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

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth – feet From	Depth – feet To
10-11: 6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic 12		0	35 (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

Sizes of opening (Slot No.) 31-33	Diameter 34-38 inches	Length 39-40 feet
Material and type	Depth at top of screen 41-44 feet	30

61 PLUGGING & SEALING RECORD

☐ Annular space ☐ Abandonment

Depth set at – feet From	To	Material and type (Cement grout, bentonite, etc.)
10-13	14-17	
18-21	22-25	
26-29	30-33	80

PUMPING TEST

71 — 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	Water levels during 25: 1 ☐ Pumping 2 ☐ Recovery			
19-21 feet	22-24 feet	15 minutes 26-28 feet	30 minutes 29-31 feet	45 minutes 32-34 feet	60 minutes 35-37 feet

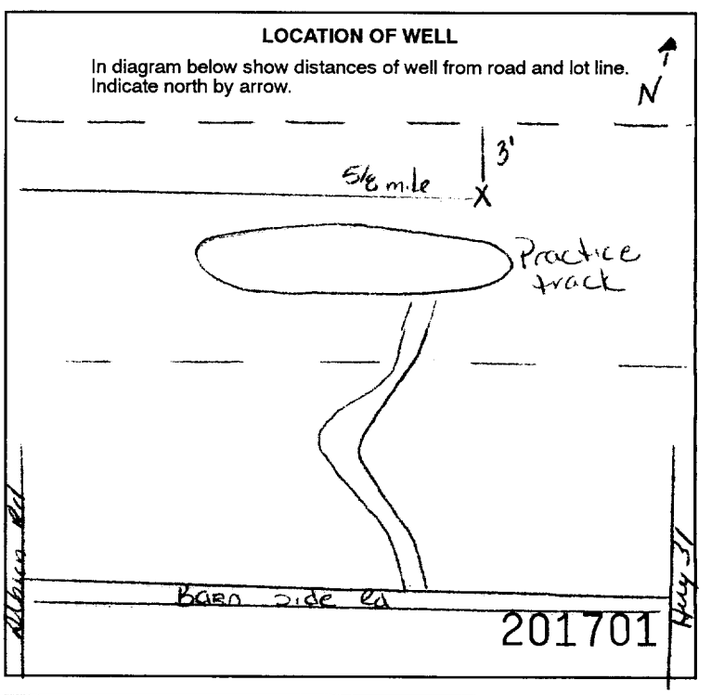
If flowing give rate 38-41 GPM — Pump intake set at feet — Water at end of test 42: ☐ Clear ☐ Cloudy

Recommended pump type: ☐ Shallow ☐ Deep — Recommended pump setting 43-45 feet — Recommended pump 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.



201701

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

WATER USE 55-56

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

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
10 ☐ Digging
11 ☐ Other .....

Name of Well Contractor	Well Contractor's Licence No.
Olympic Drilling Co Ltd	4006
Address: 2320 Scrivens Dr	
Name of Well Technician: Wayne Renwick	Well Technician's Licence No.: TO-327
Signature of Technician/Contractor: O Renwick	Submission date: 08 (day) 06 (mo) 99 (yr)

MINISTRY USE ONLY

Data source 58	Contracctor 59-62	Date received 63-68	80
	4006	AUG 0 9 1999	
Date of inspection	Inspector		
Remarks			

CSS.ES0

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0506 (07/94) Front Form 9

Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

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

11 | 1530653 | Municipality 15002 | Con. RF | 04

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
Ottawa-Carleton	Gloucester	2	23

[redacted]

Address: 4837 Albion Rd

Date completed: 23 (day) 05 (month) 99 (year)

21 | T M | 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	sand	stone		0	42
Black	shale			42	51
Grey	Limestone			51	123
Grey	Limestone w	sandstone layers		123	168
White	sandstone	sandstone		168	200
Green	Granite	granite		200	210

31

32

41 WATER RECORD

Water found at - feet	Kind of water
73	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
123	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
147	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas
untested	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	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic		0	42
6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	+2	42
6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic		42	210

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	To	Material and type (Cement grout, bentonite, etc.)
42	0	Bensal 10 bags

PUMPING TEST

71 Pumping test method: 1 ☐ Pump 2 ☐ Bailer | Pumping rate GPM | Duration of pumping ..... Hours ..... Mins

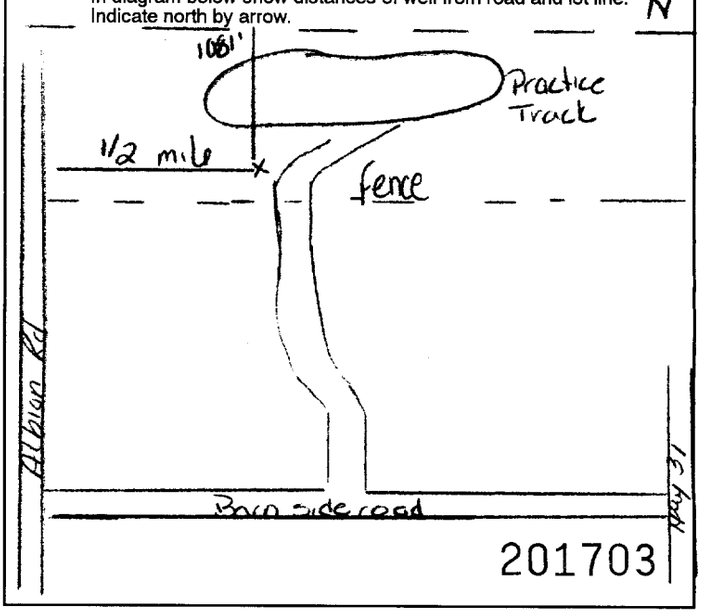
Static level feet	Water level end of pumping feet	Water levels during 1 ☐ Pumping 2 ☐ Recovery: 15 minutes feet	30 minutes feet	45 minutes feet	60 minutes feet

If flowing give rate GPM | Pump intake set at feet | Water at end of test ☐ Clear ☐ Cloudy

Recommended pump type ☐ Shallow ☐ Deep | Recommended pump setting feet | Recommended pump rate GPM

LOCATION OF WELL

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



201703

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 used
10 ☐ Other monitoring

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	Well Contractor's Licence No.
Olympic Drilling Co Ltd	4006
Address: 2320 Scrivens Dr Metcalfe	
Name of Well Technician: Wayne Fenwick	Well Technician's Licence No. TO-327
Signature of Technician/Contractor	Submission date: 08 (day) 06 (mo) 99 (yr)

MINISTRY USE ONLY

Data source	Contractor	Date received
	4006	AUG 09 1999

Date of inspection | Inspector

Remarks: CSS.ES0

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Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

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

11 1 2 — 1530654

Municipality 15002 (10–14) Con. RF (15–22) 04 (23–24)

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot 25-27
Ottawa Carleton	Gloucester	2	23

[redacted]

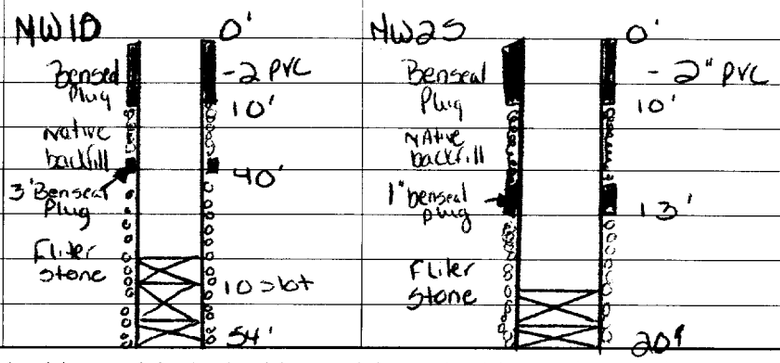
Address: 4837 Albion Rd

Date completed: 23 (day) 05 (month) 99 (year) 48-53

21 1 2 — T M 10 — 12–17 — Northing 18–24 — RC 25 — Elevation 26 — RC 30 — Basin Code 31 — ii — iii — iv — 47

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth – feet From	Depth – feet To
Brown	sand +	stone	MW# 1 D	0	54
Brown	sand +	stone	MW # 1 S	0	20



31

32 — 10 — 14 15 — 21 — 32 — 43 — 54 — 65 — 75 — 80

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

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth – feet From	Depth – feet To
NW1D 10-11	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic 12		0	54 13-16
MW#S 5-9	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic 19		0	20 20-23
24-25	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic 26			27-30

SCREEN

Sizes of opening (Slot No.) 31-33	Diameter 34-38 inches	Length 39-40 feet
Material and type	Depth at top of screen 41-44 feet	30

61 PLUGGING & SEALING RECORD

☐ Annular space ☐ Abandonment

Depth set at – feet From	To	Material and type (Cement grout, bentonite, etc.)
10–13	14–17	
18–21	22–25	
26–29	30–33	80

71 PUMPING TEST

Pumping test method 10: 1 ☐ Pump 2 ☐ Bailer

Pumping rate 11-14 GPM

Duration of pumping 15-18 ..... Hours 17-18 ..... Mins

Static level	Water level end of pumping	Water levels during 25: 1 ☐ Pumping 2 ☐ Recovery			
19-21 feet	22-24 feet	15 minutes 26-28 feet	30 minutes 29-31 feet	45 minutes 32-34 feet	60 minutes 35-37 feet

If flowing give rate 38-41 GPM | Pump intake set at feet | Water at end of test 42: ☐ Clear ☐ Cloudy

Recommended pump type: ☐ Shallow ☐ Deep 50-53 | Recommended pump setting 43-45 feet | Recommended pump rate 46-49 GPM

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

WATER USE 55-56

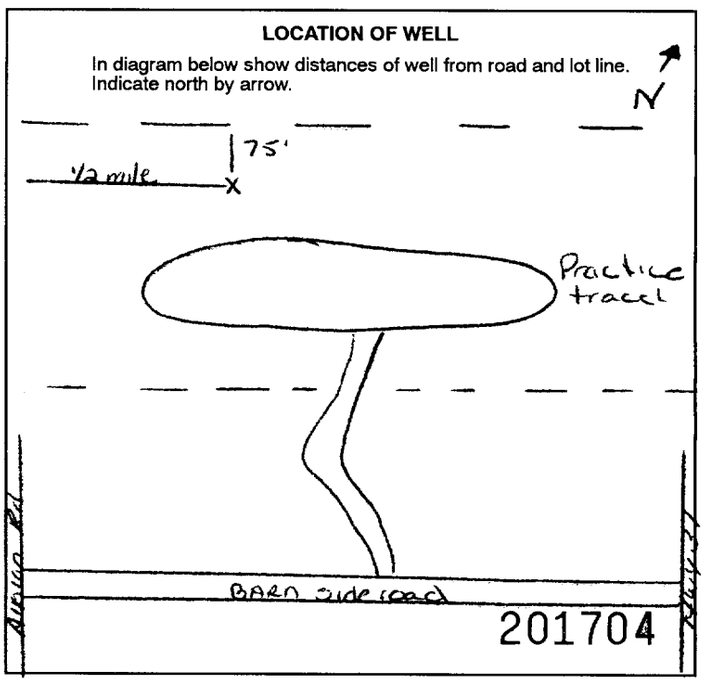
1 ☐ Domestic
2 ☐ Stock
3 ☐ Irrigation
4 ☐ Industrial
5 ☒ Commercial
6 ☐ Municipal
7 ☐ Public supply
8 ☐ Cooling & air conditioning
9 ☐ Not used
10 ☐ Other .....

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
10 ☐ Digging
11 ☐ Other .....

LOCATION OF WELL

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



Name of Well Contractor	Well Contractor's Licence No.
Olympic Drilling Co. Ltd	4006
Address: 2320 Scrivens Dr Metcalfe	
Name of Well Technician	Well Technician's Licence No.
Wayne Renwick	TO-327
Signature of Technician/Contractor	Submission date: 03 (day) 06 (mo) 99 (yr)

MINISTRY USE ONLY

Data source 58	Contracctor 59-62	Date received 63-68	80
	4006	AUG 0 9 1999	
Date of inspection	Inspector		
Remarks			

CSS.ES0

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0506 (07/94) Front Form 9

Ministry of Environment and Energy
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

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

11 | 1530655 | Municipality 15002 | Con. RF | 04

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
Ottawa Carleton	Gloucester	2	23

Address: 4837 Albion Rd

Date completed: 23 05 99 (day month year)

[redacted]

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	sand + stone		MW#3	0	58
			Benseal plug	0	10'
			native material		
			Benseal plug	27'	30'
			Filter sand		53'

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

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth – feet From	Depth – feet To
10-11 6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic 12		0	58 (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

Sizes of opening (Slot No.) 31-33	Diameter 34-38 inches	Length 39-40 feet
Material and type	Depth at top of screen 41-44 feet	30

61 PLUGGING & SEALING RECORD

☐ Annular space ☐ Abandonment

Depth set at – feet From	To	Material and type (Cement grout, bentonite, etc.)
10-13	14-17	
18-21	22-25	
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	Water levels during 25: 1 ☐ Pumping 2 ☐ Recovery			
19-21 feet	22-24 feet	15 minutes 26-28 feet	30 minutes 29-31 feet	45 minutes 32-34 feet	60 minutes 35-37 feet

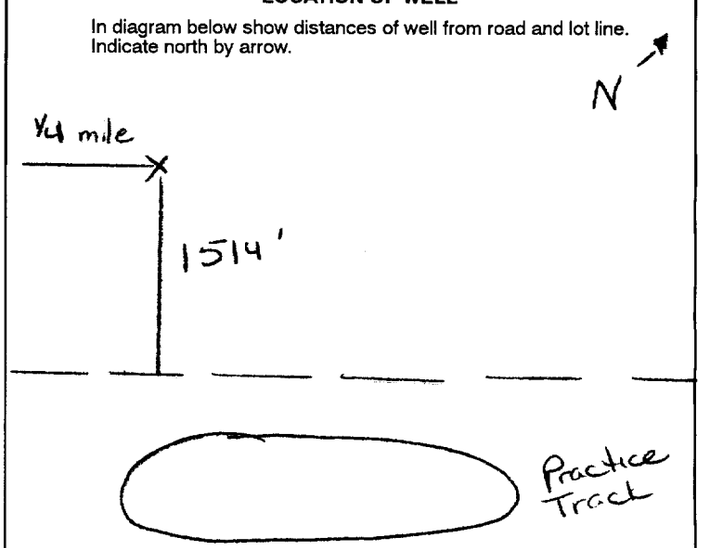
If flowing give rate 38-41 GPM | Pump intake set at feet | Water at end of test 42: ☐ Clear ☐ Cloudy

Recommended pump type: ☐ Shallow ☐ Deep | Recommended pump setting 43-45 feet | Recommended pump 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.



201705

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

WATER USE 55-56

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

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
10 ☐ Digging
11 ☐ Other .....

Name of Well Contractor	Well Contractor's Licence No.
Olympic Drilling Co. Ltd	4006
Address: 2320 Screvens Dr.	Metcalfe
Name of Well Technician: Wayne Renwick	Well Technician's Licence No. TO-327
Signature of Technician/Contractor: C Renwick	Submission date: 08 06 99 (day mo yr)

MINISTRY USE ONLY

Data source 58	Contractor 59-62	Date received 63-68
	4006	AUG 09 1999
Date of inspection	Inspector	
Remarks		

CSS.ES0

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0506 (07/94) Front Form 9

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 — 1534131 — Municipality 15002 — Con. RF — 04

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot
[redacted]	Gloucester	4	22
	Address of Well Location: Greely, Ont	Date completed: 10 (day) 10 (month) 03 (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
	Sand	gravel		0	21
grey	limestone			21	40
	sandstone			40	62

31

32

41 WATER RECORD

Water found at - feet	Kind of water
48	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
55	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas
	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals ☐ Gas

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 1/4	☑ Steel, ☐ Galvanized, ☐ Concrete, ☐ Open hole, ☐ Plastic	.188	0	29
6	☐ Steel, ☐ Galvanized, ☐ Concrete, ☑ Open hole, ☐ Plastic		27	62
	☐ Steel, ☐ Galvanized, ☐ Concrete, ☐ Open hole, ☐ Plastic			

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	To	Material and type (Cement grout, bentonite, etc.)
27	0	bentonite

71 PUMPING TEST

Pumping test method: ☑ Pump ☐ Bailer — Pumping rate: 18 GPM — Duration of pumping: 1 Hours ___ Mins

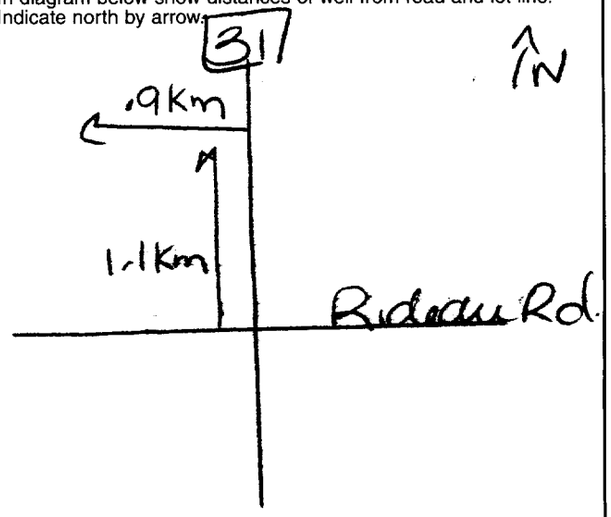
Static level	Water level end of pumping	Water levels during: ☐ Pumping ☑ Recovery			
16 feet	50 feet	15 minutes: 16 feet	30 minutes: 16 feet	45 minutes: 16 feet	60 minutes: 16 feet

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

Recommended pump type: ☐ Shallow ☑ Deep — Recommended pump setting: 50 feet — Recommended pump rate: 18 GPM

LOCATION OF WELL

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



265638

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	Well Contractor's Licence No.
Air Rock Drilling Ltd	1119
Address: RR#1 Richmond, ont	
Name of Well Technician: Shannon Purcell	Well Technician's Licence No.: T2122
Signature of Technician/Contractor: Kenny D	Submission date: 20 10 03 (day mo yr)

MINISTRY USE ONLY

Data source	Contractor	Date received
	1119	OCT 23 2003
Date of inspection	Inspector	
Remarks		CSS.ES3

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0506 (06/02) Front Form 9

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 — 1534133 — Municipality 15002 — Con. RF — 04

County or District	Township/Borough/City/Town/Village	Con block tract survey, etc.	Lot 25-27
[redacted]	Gloucester	4	22.
	Address of Well Location: Ottawa, Ont	Date completed: 26 (day) 09 (month) 03 (year) 48-53	

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
grey	sand			0	57
brown + grey	sandstone			57	101

31

32

41 WATER RECORD

Water found at - feet	Kind of water
79 (10-13)	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas 6 ☐ [illegible] (14)
83 (15-18)	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas 6 ☐ [illegible] (19)
(20-23)	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas 6 ☐ [illegible] (24)
(25-28)	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas 6 ☐ [illegible] (29)
(30-33)	1 ☐ Fresh 2 ☐ Salty 3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas 6 ☐ [illegible] (34)

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet From	Depth - feet To
6 1/4 (10-11)	1 ☒ Steel (12) 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	0	69 (13-16)
6 (17-18)	1 ☐ Steel (19) 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic		67	101 (20-23)
(24-25)	1 ☐ Steel (26) 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			(27-30)

SCREEN

Sizes of opening (Slot No.) 31-33	Diameter 34-38 inches	Length 39-40 feet
Material and type	Depth at top of screen 41-44 feet	30

61 PLUGGING & SEALING RECORD

☒ Annular space ☐ Abandonment

Depth set at - feet From	To	Material and type (Cement grout, bentonite, etc.)
67 (10-13)	0 (14-17)	bentonite
(18-21)	(22-25)	
(26-29)	(30-33)	

71 PUMPING TEST

Pumping test method: 1 ☒ Pump 2 ☐ Bailer (10)

Pumping rate: 6 GPM (11-14)

Duration of pumping: 1 Hours (15-16) ___ Mins (17-18)

Static level	Water level end of pumping	Water levels during: 1 ☐ Pumping 2 ☒ Recovery			
44 feet (19-21)	90 feet (22-24)	15 minutes 44 feet (26-28)	30 minutes 44 feet (29-31)	45 minutes 44 feet (32-34)	60 minutes 44 feet (35-37)

If flowing give rate (38-41): ___ GPM

Pump intake set at: ___ feet

Water at end of test (42): ☐ Clear ☒ Cloudy

Recommended pump type: ☐ Shallow ☒ Deep

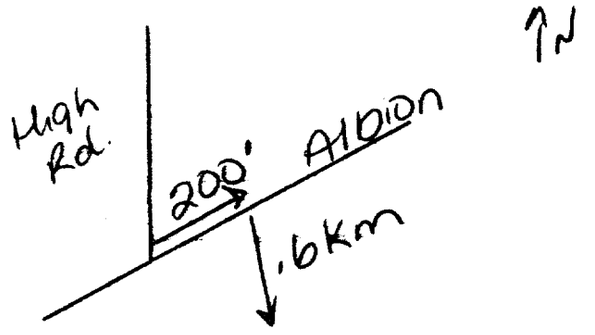
Recommended pump setting (43-45): 90 feet

Recommended pump rate (46-49): 6 GPM

50-53

LOCATION OF WELL

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



265605

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

WATER USE (55-56)

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 (57)

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	Well Contractor's Licence No.
Air Rock Drilling Ltd	1119
Address: RR#1 Richmond, Ont	
Name of Well Technician: Shannon Purcell	Well Technician's Licence No.: T2122
Signature of Technician/Contractor: Kenny	Submission date: 20 (day) 10 (mo) 03 (yr)

MINISTRY USE ONLY

Data source 58	Contractor 59-62: 1119	Date received 63-68: OCT 23 2003	80
Date of inspection	Inspector		
Remarks: CSS.ESS			

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0506 (06/02) Front Form 9

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well T A 066507 (Print Below) A066507

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
#6391 BLOSSOM TRAIL	OSGOODE	P/L6	3

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa-Carleton	Greely	Ontario	

UTM Coordinates NAD 83 Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
18	453564	5016637	PLAN 4M-1295	S/L 23

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
	Sand & Boulders			0	12'
	Grey Limestone			12'	207'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
22'	12'	Neat Cement Slurry	4.68
12'	0	Bentonite Slurry	8.4

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
6"	Steel	.188	+2'	22'
6"	Open hole		22'	207'

Construction Record - Screen

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

Status of Well

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

Water Details

Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☒ Untested ☐ Gas ☐ Other, specify
201	
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0'	207'	6"

Results of Well Yield Testing

After test of well yield, water was: ☐ Clear and sand free ☐ Other, specify NOT TESTED

If pumping discontinued, give reason: X

Pump intake set at (m/ft): 180'

Pumping rate (l/min / GPM): 20

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 77' 7"

If flowing give rate (l/min / GPM): X

Recommended pump depth (m/ft): (1/2HP) 140'

Recommended pump rate (l/min / GPM): 20

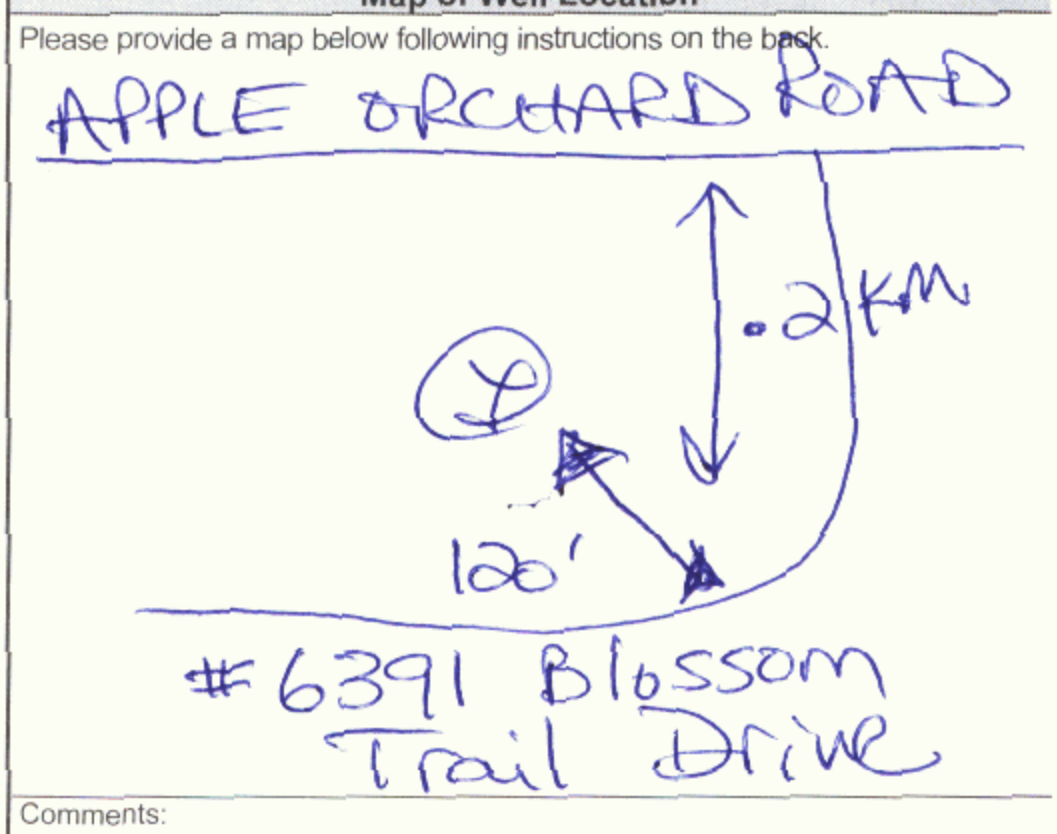
Well production (l/min / GPM): 20

Disinfected? ☒ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	25' 7"		77' 7"
1	34' 5"	1	55'
2	40' 2"	2	45' 6"
3	45' 1"	3	40'
4	48' 4"	4	37'
5	51' 3"	5	33' 4"
10	60' 8"	10	28' 2"
15	66'	15	25' 7"
20	68' 5"	20	
25	70' 9"	25	
30	73' 4"	30	
40	75' 8"	40	
50	76' 3"	50	
60	77' 7"	60	

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
AirRock DRILLING Co LTD	1119

Business Address (Street Number/Name)	Municipality
RR#1	RICHMOND

Province	Postal Code	Business E-mail Address
ONT	K0A2Z0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
613 838 2170	HOGAN DAN

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
T3058	[signature]	2009 05 25

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☒ Yes ☐ No	2009 04 16	2009 04 15

Ministry Use Only

Audit No. Z 94625

JUN 03 2009

Received

0506E (12/2007)

Ministry's Copy

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Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. *(Place Sticker and/or Print Below)*

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	[ ] Well Constructed by Well Owner
LEITRIM SOUTH HOLDINGS	C/O OTTAWA GREENBELT CONSTRUCTION		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
100 CITIGATE DRIVE	OTTAWA	ON	K2J 0A1 (613) 822-1822	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
4828-4858 BANK ST.	GLOUCESTER	22	4 (RF).

County/District/Municipality	City/Town/Village	Province	Postal Code
OTTAWA.	OTTAWA.	Ontario	

UTM Coordinates Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	Below			

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
WELL	DIA.	STATIC WATER LEVEL	GPS (Easting)	GPS (Northing)	(DEPTH)
13-29A	32mm	0.00	18452902	5016827	0.00
13-29B	38mm	0.00	18452902	5016827	0.00

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
See above		Hole plug and Pel-Plug Bentonite grout.	0.03

Results of Well Yield Testing

After test of well yield, water was: [ ] Clear and sand free [ ] Other, *specify*

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

Well production *(l/min / GPM)*

Disinfected? [ ] Yes [ ] No

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

Method of Construction

[ ] Cable Tool [ ] Diamond [ ] Rotary (Conventional) [ ] Jetting [ ] Rotary (Reverse) [ ] Driving [ ] Boring [ ] Digging [ ] Air percussion [ ] Other, *specify*

Well Use

[ ] Public [ ] Commercial [X] Not used [ ] Domestic [ ] Municipal [ ] Dewatering [ ] Livestock [X] Test Hole [X] Monitoring [ ] Irrigation [ ] Cooling & Air Conditioning [ ] Industrial [ ] Other, *specify*

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

[ ] Water Supply [ ] Replacement Well [X] Test Hole [ ] Recharge Well [ ] Dewatering Well [X] Observation and/or Monitoring Hole [ ] Alteration (Construction) [ ] Abandoned, Insufficient Supply [ ] Abandoned, Poor Water Quality [X] Abandoned, other, *specify* Construction [ ] Other, *specify* 2019

Water Details

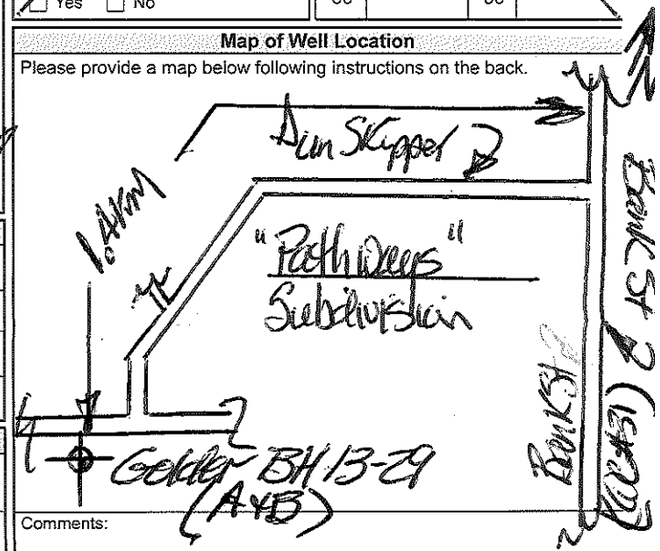
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
See above		

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STANTON DRILLING INC	4875

Business Address (Street Number/Name)	Municipality
157 FIVE ARCHES DR, BOX 219	PAKENHAM

Province	Postal Code	Business E-mail Address
ON	K0A 2X0	stanton.drilling@bell.net

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
(613) 624-5622	STANTON, PETER

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
0086		2019-09-03

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No		2019-08-13

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Audit No. Z252131

Received SEP 10 2019

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Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. *(Place Sticker and/or Print Below)*

Tag#: A247971

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Hindu Temple of Ottawa Carleton	hindutempleottawa@gmail.com	

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
4835 Bank St	Ottawa	ON	K1X1G6	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
4835 Bank St			

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa	Ottawa	Ontario	K1X1G6

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	453954	5017560		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Grey	Till	Fill, Sand	Very Dense	0'	19'10"

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0'	8'8"	Bentonite	2.7 ft³
8'8"	19'10"	Silica Sand	3.8 ft³

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☑ Boring ☐ Digging
☐ Air percussion
☐ Other, *specify* _____

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
2.067	PVC	0.154	0'	9'10"

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
2.375	PVC	3	9'10"	19'10"

Status of Well

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

Water Details

Water found at Depth (m/ft)	Kind of Water	
11'	☐ Gas	☐ Fresh ☑ Untested ☐ Other, *specify* _____
(m/ft)	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify* _____
(m/ft)	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify* _____

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0'	19'10"	8"

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping
____ hrs + ____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

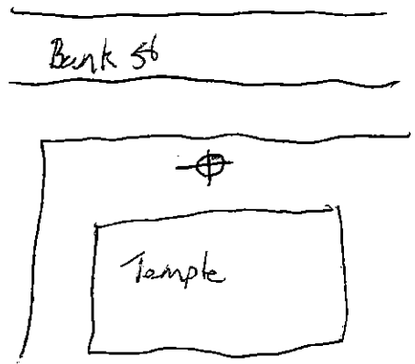
Well production *(l/min / GPM)*

Disinfected?
☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
CCL Geotechnical and Environmental Drilling	7514

Business Address (Street Number/Name)	Municipality
48-2127 Edinburgh Place	Ottawa

Province	Postal Code	Business E-mail Address
ON	K1B5M1	mwebb@cccgroup.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
613 731 5221	Seymour, Vincent

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3380		2019 09 18

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

Date Package Delivered: YYYY MM DD

Date Work Completed: 2019 09 24

Ministry Use Only

Audit No. Z286383

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Ministry of the Environment and Climate Change

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Well Tag No. *(Place Sticker and/or Print Below)*

Tag#: A247970

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Hindu Temple of Ottawa Gatineau	hindutempleottawa@gmail.com	

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
4835 Bank St	Ottawa	ON ~~Ottawa~~	K1K1G6	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
4835 Bank St			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	453966	5017542		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Grey	Till	Fill Sand	Very Dense	0'	13'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0'	7'	Bentonite 3/8 chips	2
7'	13'	Silica Sand	2

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☑ Boring ☐ Digging
☐ Air percussion
☐ Other, *specify* _____

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
2.067	PVC	0.154	0'	8'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
2.375	PVC	3	8'	13'

Status of Well

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

Water Details

Water found at Depth (m/ft)	Kind of Water	Hole Diameter Depth (m/ft) From	To	Diameter (cm/in)
10' ☐ Gas	☐ Fresh ☑ Untested ☐ Other, *specify*	0'	13'	8"
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*			
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*			

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping
_____ hrs + _____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

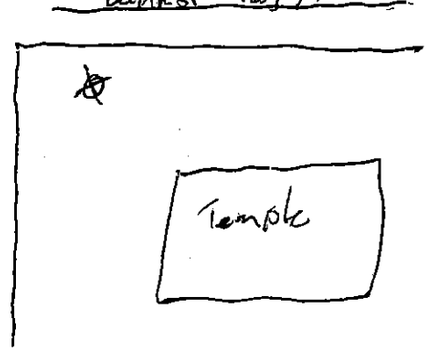
Well production *(l/min / GPM)*

Disinfected?
☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
CCL Geotechnical and Environmental Drilling	7543

Business Address (Street Number/Name)	Municipality
45-2627 Edinburgh Place	Ottawa

Province	Postal Code	Business E-mail Address
ON	K1B5M1	

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
613 730 5227	Seymour Vincent

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3380		2019 09 24

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☑ No	Y Y Y Y M M D D	2019 09 24

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Well Tag No. *(Place Sticker and/or Print Below)*

Tag#: A247972

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Hindu Temple of Ottawa Gatineau	hindutemple@gmail.com	

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
4835 Bank St	Ottawa	ON	K1X1G6	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
4835 Bank St			

County/District/Municipality	City/Town/Village	Province	Postal Code
	Ottawa	Ontario	K1X1G6

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	453946	5011758		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Grey	Till	Sand, Fill	Very Dense	0'	13'3"

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed (m^3/ft^3)
0'	7'	Bentonite	2.5 ft
7'	13'3"	Silica Sand	3 ft³

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☑ Boring ☐ Digging
☐ Air percussion
☐ Other, *specify* _____

Well Use

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

Construction Record - Casing

Inside Diameter *(cm/in)*	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness *(cm/in)*	Depth (m/ft) From	Depth (m/ft) To
2.067	PVC	0.154	0'	8'3"

Construction Record - Screen

Outside Diameter *(cm/in)*	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
2.375	PVC	3	8'3"	13'3"

Status of Well

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

Water Details

Water found at Depth	Kind of Water	
10' (m/ft) ☐ Gas	☐ Fresh ☑ Untested ☐ Other, *specify* _____	
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify* _____	
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify* _____	

Hole Diameter

Depth (m/ft) From	To	Diameter *(cm/in)*
0"	13'3"	8"

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping
____ hrs + ____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

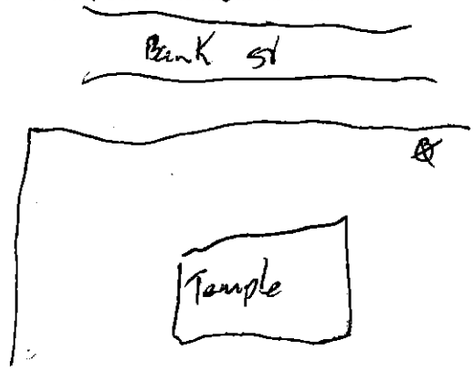
Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
CCL Geotechnical and Environmental Drilling	7549

Business Address (Street Number/Name)	Municipality
48-2627 Edinburgh Pl	Ottawa

Province	Postal Code	Business E-mail Address
ON	K1B5M1	mwebb@ccgroup.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
613 737 5277	Seymour, Vincent

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3380		2019 10 24

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☑ No	Y Y Y Y M M D D	2019 10 24

Ministry Use Only

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Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. *(Place Sticker and/or Print Below)*

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Erin	Oconnor Regional Group	eoconnore@regionalgroup.com	

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
1737 Woodward Drive	Ottawa	Ont	K2C0P9	6132302100

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
4840 Bank Street	Ottawa		

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Ottawa	Ontario	K1X1G6

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	453519	5016368		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Decommission of Stone Dug well 36inch Diam + 12Ft Depth					
Clean Clay material				-5	10Ft
Bentonite Hole Plug			4 Bag	10F	12Ft
Decommission of Drilled well 5inch Diam + 75Ft Depth					
Drilled well inside dug well			Bentonite 4 Bag	-5	30Ft
Clean Clear stone			6 Bucketh	30Ft	60Ft
Bentonite Hole Plug			3 Bag	60Ft	75Ft

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)

Method of Construction

☑ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☑ Digging
☐ Air percussion
☐ Other, *specify* _____

Well Use

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

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

☐ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☑ Abandoned, other, *specify* not in use
☐ Other, *specify* _____

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

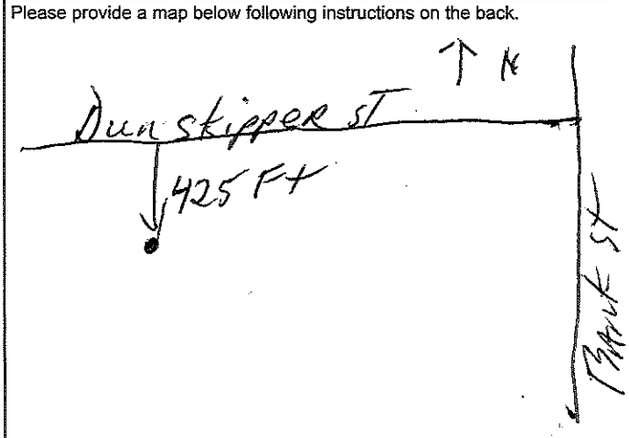
Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name)	Municipality
Box 18, 147 Principale St St-Albert	Nation

Province	Postal Code	Business E-mail Address
On	K0A3C0	labrosse_09@Hotmail.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6139131824	Raymond Jacques

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
0264		2019/12/02

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☑ No	YYYY MM DD	2019/12/02

Ministry Use Only

Audit No. Z307113

Received JAN 10 2020

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Ontario — Ministry of the Environment, Conservation and Parks

Well Tag No. *(Place Sticker and/or Print Below)* — SEE BELOW.

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Measurements recorded in: [X] Metric [ ] Imperial

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	Well Constructed by Well Owner
	LEITRIM SOUTH HOLDINGS INC C/O TOWNSON GROUP		[ ]

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
100 CITIGATE	OTTAWA	ON	K2J 4A7	(613) 690-5222

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
N/A.	GLOUCESTER (EF)	21	4

County/District/Municipality	City/Town/Village	Province	Postal Code
OTTAWA.	OTTAWA.	Ontario	

UTM Coordinates NAD 83 Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
	See table	below.		

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

General Colour	Most Common Material	Other Materials	General Description			Depth (m/ft) From	To
WELL	N.A. (mm)	STATIC WATER LEVEL (m)	GPS EASTING	GPS NORTHING	TAG	DEPTH	
B18 a	38	3.09	18453880	5017309	—	0	3.21
" b	38	3.47	"	"		0	6.91
B1 a	50	1.88	18453156	5017343	—	0	2.0
B1 b	50.	2.20	18453154	5017343	—	0	4.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
See above		Hole plug / Red-Plug Bentonite grout	0.03

Results of Well Yield Testing

After test of well yield, water was: [ ] Clear and sand free [ ] Other, *specify* ____

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

Well production *(l/min / GPM)*

Disinfected? [ ] Yes [ ] No

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

Method of Construction

[ ] Cable Tool [ ] Diamond [ ] Rotary (Conventional) [ ] Jetting [ ] Rotary (Reverse) [ ] Driving [ ] Boring [ ] Digging [ ] Air percussion [ ] Other, *specify* ____

Well Use

[ ] Public [ ] Commercial [X] Not used [ ] Domestic [ ] Municipal [ ] Dewatering [ ] Livestock [ ] Test Hole [X] Monitoring [ ] Irrigation [ ] Cooling & Air Conditioning [ ] Industrial [ ] Other, *specify* ____

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

[ ] Water Supply [ ] Replacement Well [ ] Test Hole [ ] Recharge Well [ ] Dewatering Well [X] Observation and/or Monitoring Hole [ ] Alteration (Construction) [ ] Abandoned, Insufficient Supply [ ] Abandoned, Poor Water Quality [X] Abandoned, other, *specify* Constructed [ ] Other, *specify* 2020.

Water Details

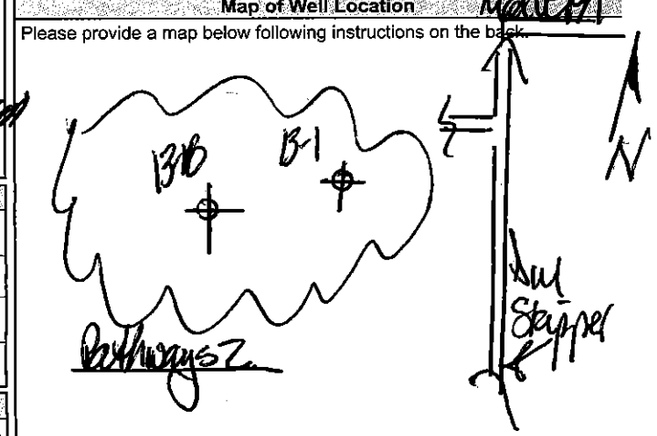
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*
Water found at Depth (m/ft)	Kind of Water: [ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)

Map of Well Location

Please provide a map below following instructions on the back.



Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STANTON DRILLING INC	4875

Business Address (Street Number/Name)	Municipality
157 FILE ARCHES DR, BOX 219	PAKENHAM

Province	Postal Code	Business E-mail Address
ON	K0A 2X0	stantondrilling@bellnet

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
(613) 624-5622	STANDEN, PETER

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
0086	[signature]	2020/04/08

Comments: Refer to Golder 13-1121-0083 for borehole site plan

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No	Y Y Y Y M M D D	2020/01/22

Ministry Use Only

Audit No. Z322883

Received APR 08 2020

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316/50

64

UTM 18 Z 415319 710 E
Rideau Front
15 R 5017101810 N

Elev. 4 R 013310

Basin 215 2 1

ONTARIO

15 № 2177

X

GROUND WATER BRANCH
MAY 20 1957
ONTARIO WATER RESOURCES COMMISSION

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)

[redacted] Address: 40 Laurance St Ottawa

(day) (month) (year)

Pipe and Casing Record

Casing diameter(s): 2"
Length(s): 21
Type of screen:
Length of screen:

Pumping Test

Static level: 6
Pumping rate: 800 G.P.H
Pumping level: 25 ft
Duration of test: 2 hr

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Sand	0	7	60	54	Fresh
Boulders and Sand	7	20			
Wit Sand stone	20	60			

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: L R Corrette

Address: 552 Baseline Rd City View

Name of Driller: L R Corrette

Address:

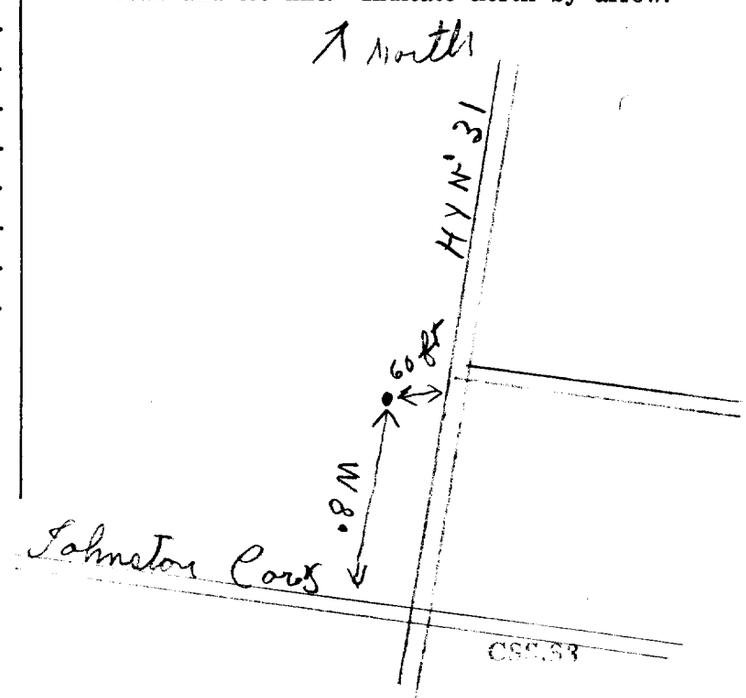
Licence Number: 395

I certify that the foregoing statements of fact are true.

Date: May 14/57 L R Corrette
Signature of Licensee

Location of Well

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



Form 5

316/52

UTM 18 Z 415310 990 E

9 R 5101169 10 N

Elev. 9 R 0 1 5 3 0 1 3 1

Basin 215

Kinnear Point

Con IV

lot 22

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

GROUND WATER BRANCH
AUG 19 1957
ONTARIO WATER RESOURCES COMMISSION

15 No. 2178

Water-Well Record

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

[redacted] Village, Town or City)

Address: Billings Bridge

(day) (month) (year)

Pipe and Casing Record

Casing diameter(s): 4"

Length(s): 23 feet

Type of screen: 1

Length of screen:

Pumping Test

Static level: 13

Pumping rate: 240 gal PH

Pumping level: 50 feet

Duration of test: 1 hour

Well Log

Overburden and Bedrock Record	From ft.	To ft.
hard gravelly		
Clay & Sand & boulders	0	18
Very hard limestone Stone Rock	18	50

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
48 feet	37'	fresh very hard

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

Is water clear or cloudy? Clear

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

Drilling firm

Address

Name of Driller: James Kettles

Address: Ramsayville

Licence Number: 537

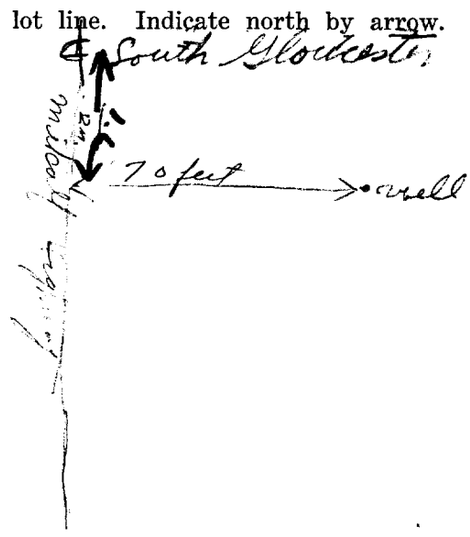
I certify that the foregoing statements of fact are true.

Date: August 5 James Kettles

Signature of Licensee

Location of Well

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



N

Form 5

CSS.38

L.P.

31G/5-2.

UTM 18 Z 4 5 3 8 6 10 E
Pidgeon Frame
5 R 5 0 1 7 3 10 N

Elev. 4 R 1 5 0 3 1 2 1 5

Basin 2 1 5

P.T. 22

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
15
NOV 14 1961
ONTARIO WATER RESOURCES COMMISSION

No. 2179

County or District: Carleton

Township, Village, Town or City: Gloucester

Con. 4 R F Lot P.T.22

Date completed: 6 (day) 10 (month) 1961 (year)

[redacted]dress: 28 Clarence St. Ottawa 2, Ont.

Casing and Screen Record

Inside diameter of casing: 6 3/16

Total length of casing: 21'

Type of screen: NONE

Length of screen:

Depth to top of screen:

Diameter of finished hole: 6"

Pumping Test

Static level: 20'

Test-pumping rate: 80 G.P.H.

Pumping level: 70'

Duration of test pumping: 1 hr.

Water clear or cloudy at end of test: clear

Recommended pumping rate: 80 G.P.H.

with pump setting of: 80 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)
~~Till and Boulders, Grey hard lime stone and sand stone.~~	~~0~~	~~16~~	85	fresh
~~Sand stone~~	~~16~~	~~25~~		
	~~25~~	~~89~~		
BOULDER TILL	0	16		
HARD GREY LIMESTONE	16	25		
SANDSTONE	25	89	85	FRESH

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

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

Drilling or Boring Firm: J. B. Dufresne Co. Ltd.

Address: Ottawa, Ontario.

Licence Number: 194

Name of Driller or Borer: W. Roy

Address: Hull

Date: Oct 12/60

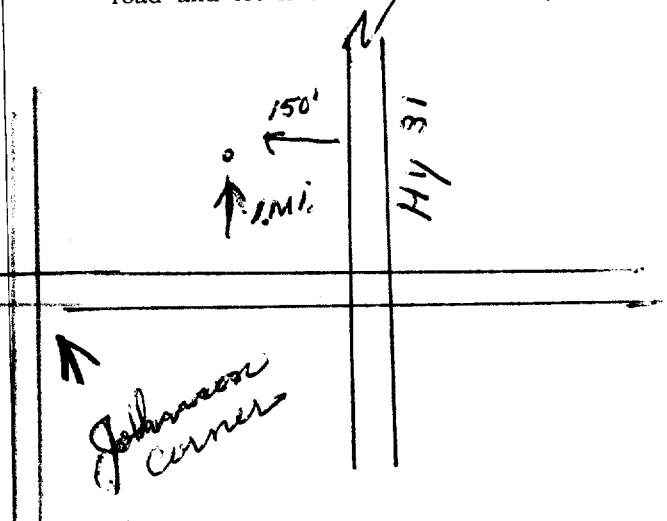
J B Dufresne
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

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



316/52

UTM 18 Z 415319 710 E
15 R 5011711210 N
Elev. 4 R 913310
Basin 215

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
15 No 2180
AUG 15 1961
ONTARIO WATER RESOURCES COMMISSION

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

Con. 4 RP Lot 22 Date completed 29 (day) JUNE (month) 61 (year)

[redacted] Address BILLINGS BRIDGE

Casing and Screen Record

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

Pumping Test

Static level	6'
Test-pumping rate	4 G.P.M.
Pumping level	8
Duration of test pumping	1 HR
Water clear or cloudy at end of test	CLEAR
Recommended pumping rate	4 G.P.M.
with pump setting of	30' feet below ground surface

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
LOAM	0	6		
GREY LIMESTONE	6	55	55	FRESH

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

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

Drilling or Boring Firm M MEAGHER

Address OTTAWA

Licence Number 245

Name of Driller or Borer SAME

Address

Date AUG 9/61

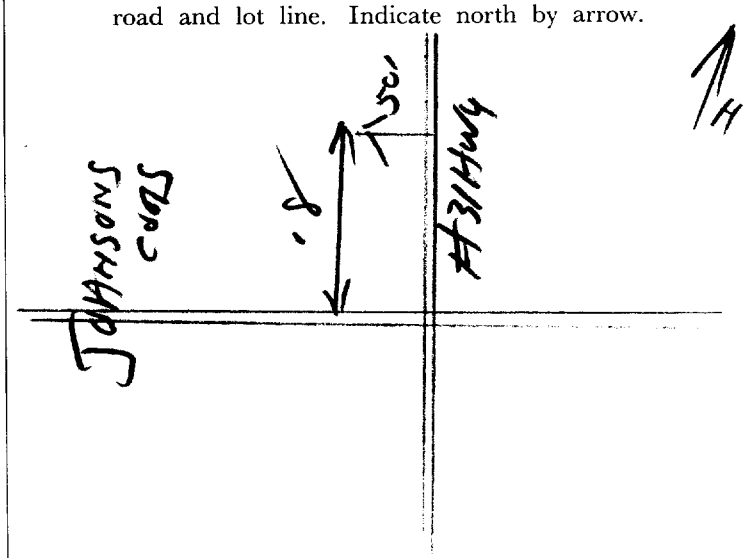
M Meagher
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

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



The Ontario Water Resources Commission Act

WATER WELL RECORD

31 G/5 a

Water management in Ontario

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

11 | 1512265 | MUNICIP. 45002 | CON. RF | 05

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Gloucester	5 RF	~~S Half~~ 022

OWNER (SURNAME FIRST) [redacted] | ADDRESS | DATE COMPLETED DAY 24 MO. ~~Nov.~~ 11 YR. 72

[redacted] HING 0170050 | RC. 4 | ELEVATION 0336 | RC. 4 | BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH – FEET FROM	TO
Brown	Clay	Sand & Stones	Sandy Clay & Stones	0	3
			Med. gray limestone	3	48

31 | 00036 05 28 12 | 00482 15

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0008	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0001	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0034	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH – FEET FROM	TO
06 ~~6"~~	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.250	0+6" ~~12+4"~~	0012
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0048
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

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

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	0008 GPM.	01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☒ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
004 FEET	048 FEET	~~4~~ FEET	~~4~~ FEET	~~4~~ FEET	~~4~~ FEET
		004	004	004	004

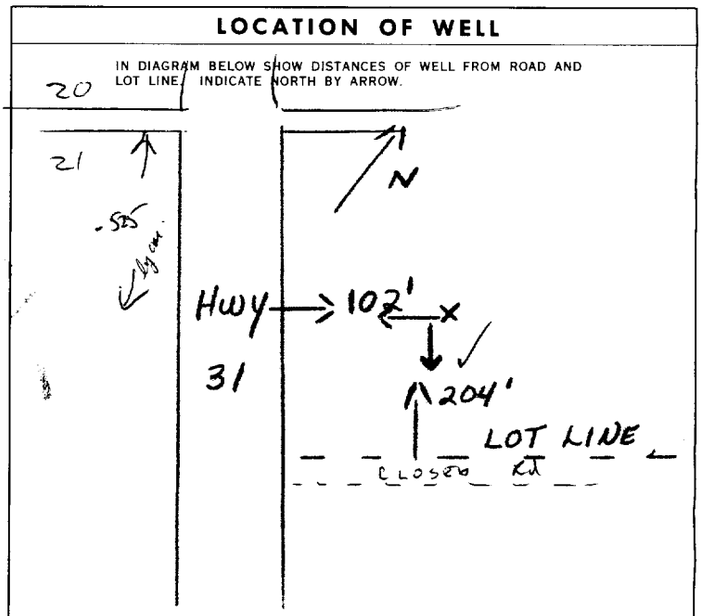
IF FLOWING, GIVE RATE ___ GPM. | PUMP INTAKE SET AT 48 FEET | WATER AT END OF TEST ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE ☒ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING 030 FEET | RECOMMENDED PUMPING RATE 0008 GPM.

000.2 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL	WATER USE	METHOD OF DRILLING
1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED	1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☒ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING
01		

NAME OF WELL CONTRACTOR: ~~F.E. Johnston Drilling Co.~~ | LICENCE NUMBER 3002

ADDRESS: ~~P.O. Box 4134 Stn "E" Ottawa, Ont.~~

NAME OF DRILLER OR BORER | LICENCE NUMBER

~~J. Remsick~~

SIGNATURE OF CONTRACTOR | SUBMISSION DATE DAY ___ MO. ___ YR. ___

RC COPY

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	3002	150173

DATE OF INSPECTION | INSPECTOR K

REMARKS:

P K

WI

File Number: D06-03-25-0083

September 22, 2025

Carson de Ridder
Paterson Group

*Sent via email [*cderidder@patersongroup.ca*]*

Dear Carson,

Re: Information Request
4850 Bank St**, Ottawa, Ontario ("Subject Property")**

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Environmental Remediation Unit:** No information found pertaining to the subject property.
- **Sewer Use Program:** No information found pertaining to the subject property.
- **Solid Waste Services:** No information found pertaining to the subject property.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website: https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('HLUI Summary report – 295 Roger Neilson Way.xlsx'), please refer to the Overview and User Guide."

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at https://ero.ontario.ca/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: Public Health Inspections - Ottawa Public Health

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database 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.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any

purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

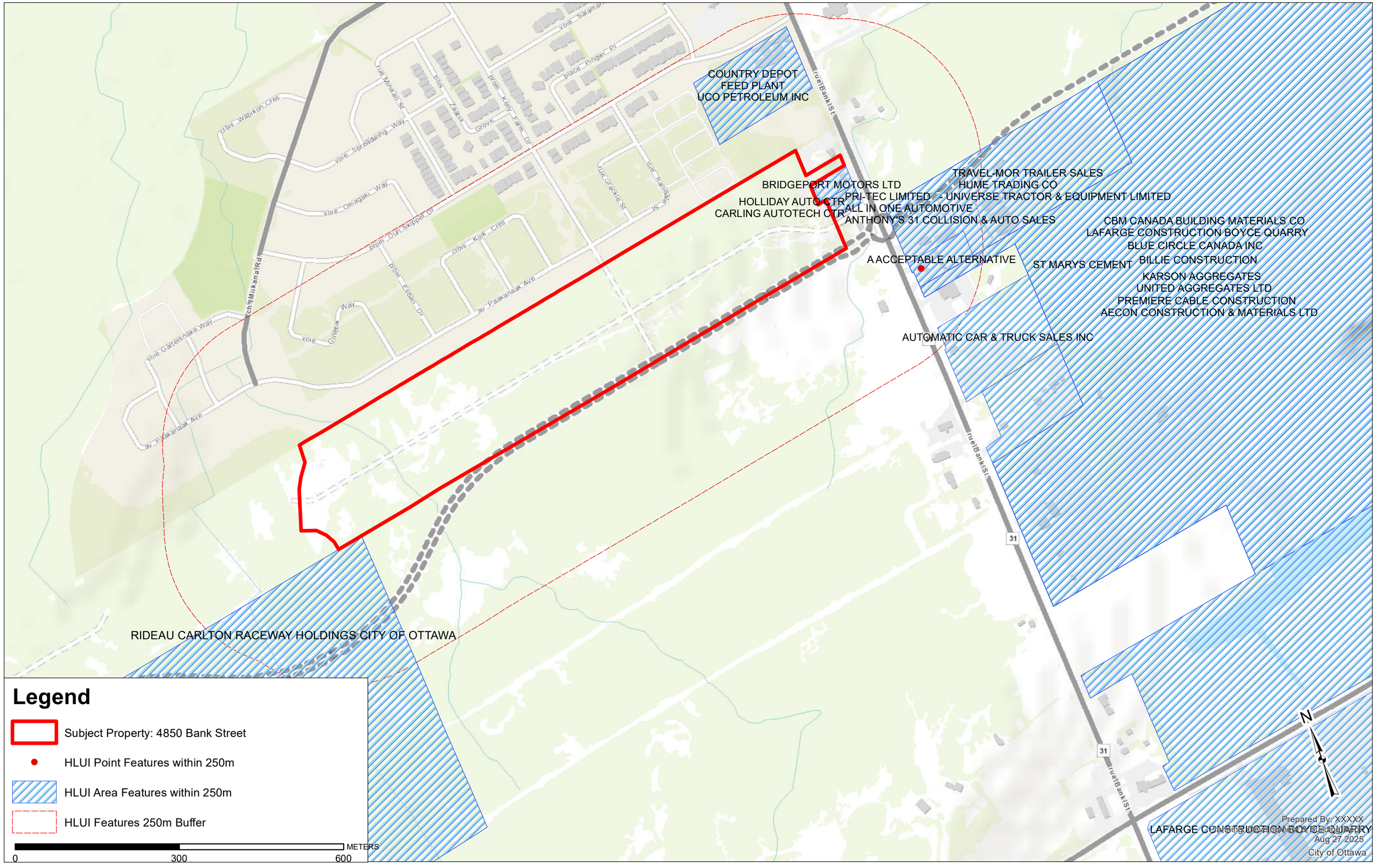
Bator Toth
Planning Student
Planning, Development and Building Services
Services de la planification, de l'aménagement et du bâtiment
110 Laurier Avenue West I *110, avenue. Laurier ouest*
Ottawa (Ontario) K1P 1J

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-25-0083

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP - 4850 BANK STREET



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	SHAPE_AREA	SHAPE_LEN
11810	BRIDGEPORT MOTORS LTD	Retail trade	2012-ES; 2017-SalesGenie	1	2012-2017	2012-2017	4852.000000000000	BANK	ST			4852	BANK	ST		K1X1G6	043280236	GLOUCESTER	441120				2763.050306492590153	223.94287206494399 8
11849	CITY OF OTAWA	Public administration	2016-PID	1	2016	PID2016	4837.000000000000	ALBION	RD		OTTAWA	4837	ALBION	RD		K1X1A3	043280500	GLOUCESTER	913150		<Null>		634988.886390383006074	3358.756651935610080
15395	COUNTRY DEPOT	Agricultural Supplies, Wholesale	2001-ES; 2005-SelectPhone; 2006-ES	1	2005	c. 2001; c. 2005	4836.000000000000	BANK	ST			4836	BANK	ST		K1X1G6	043280231	GLOUCESTER	444130; 444210; 444220				24005.650789360101044	640.535377285989057
15719	CARLING AUTOTECH CTR	Motor Vehicles, Wholesale	2005-SelectPhone	1	2005	c. 2001; c. 2005	4856.000000000000	BANK	ST			4856	BANK	ST		K1X1G6	043280237	GLOUCESTER	811111				2163.746633221700449	191.403500490379002
13294	UNITED AGGREGATES LTD	Stone Quarries	1986-1998-M; 2001-ES	1	1986-2000		4949.000000000000	BANK	ST		GLOUCESTER	4949	BANK	ST			043260658	GLOUCESTER					1213061.820780829992145	5997.741499911089704
13326	ANTHONY'S 31 COLLISION & AUTO SALES	Motor Vehicles, Wholesale	2001-ES; 2006-ES	1	2001		4856.000000000000	BANK	ST			4856	BANK	ST			043280237						2163.746633221700449	191.403500490379002
15354	FEED PLANT	Feed Plant	1968-Topo	1	1968	1968 Topographic Map						4836	BANK	ST		K1X1G6	043280231	GLOUCESTER					24005.650789360101044	640.535377285989057
15936	AUTOMATIC CAR & TRUCK SALES INC	Retail trade	2012-ES	1	2012	ES 2012	4879.000000000000	BANK	ST			4879	BANK	ST		K1X1G7	043260610	GLOUCESTER	441120				27127.028000784801407	673.889088258268998
11760	ST MARYS CEMENT	Metal and Metal Products, Wholesale	2003-PID	1	2003	c. 2003	4949.000000000000	BANK	ST		OTTAWA	4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	416390				1213061.820780829992145	5997.741499911089704
11763	KARSON AGGREGATES	Sand & Gravel (Whls)	2016-PID; 2017-SalesGenie	1	2016-2017	2016-2017					GLOUCESTER	4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	42332036	5032-11			1213061.820780829992145	5997.741499911089704
13129	PRI-TEC LIMITED - UNIVERSE TRACTOR & EQUIPMENT LIMITED	Motor Vehicles, Wholesale	TownshipofGloucester-File#15-545-Subject:MelosInvestments-Box#03	1	1979	c. 1979	0	BANK	ST		GLOUCESTER	4863	BANK	ST		K1X1G6	043260016	GLOUCESTER	415110; 415120; 415190; 811111; 811310	551			71917.093819098590757	1224.034123307060099
15749	A ACCEPTABLE ALTERNATIVE	Gasoline Service Stations	1998-SC	1	1998	c. 1998	4869.000000000000	BANK	ST		GLOUCESTER	4869	BANK	ST		K1X1G7	043260018	GLOUCESTER	447110; 447190; 811112; 811119; 811121; 811199	633; 635			5499.808757515190337	329.605455214535027
11725	AECON CONSTRUCTION & MATERIALS LTD	Building Construction	2006-ES; 2012-ES; 2016-PID; 2017-SalesGenie	1	2006-2017	2006-2017	4949.000000000000	BANK	ST			4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	231220; 416390				1213061.820780829992145	5997.741499911089704
11761	BLUE CIRCLE CANADA INC	Stone Quarries	1998-SC; 2000-PID; CityofGloucester; File#8-400	1	1986-2000	c. 1986-1998; c. 2000; c. 2001	4949.000000000000	BANK	ST		GLOUCESTER	4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	212314; 212315; 212316; 212317; 416390	81			1213061.820780829992145	5997.741499911089704
11845	CBM CANADA BUILDING MATERIALS CO	Lumber and Building Materials, Wholesale	1998-SC	1	1998	c. 1998	0	BANK	ST		GLOUCESTER	4889	BANK	ST		K1X1G7	043260027	GLOUCESTER	416310; 416320; 416340; 444110; 444120; 444190	563	4941-4945		1233692.634402679977939	5995.044642698249845
15720	HOLLIDAY AUTO CTR	Automobile Repairing & Service	2017-SalesGenie	1	2017	SalesGenie 2017					GLOUCESTER	4856	BANK	ST		K1X1G6	043280237	GLOUCESTER	81111104	7538-01			2163.746633221700449	191.403500490379002
11759	PREMIERE CABLE CONSTRUCTION	Industrial Construction (Other Than Buildings)	2005-SelectPhone	1	2005	c. 2005; c. 2006	4949.000000000000	BANK	ST			4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	237110; 237120; 237130; 237310				1213061.820780829992145	5997.741499911089704
13013	LAFARGE CONSTRUCTION BOYCE QUARRY	Sand and Gravel Mining and Quarrying	2001-ES; 2006-ES; 2012-ES	1	2001-2012	2001-2012	3500.000000000000	RIDEAU	RD			3500	RIDEAU	RD		K1G3N4	043260037	GLOUCESTER	212323; 231310				3559463.280278170015663	16999.131396491200576
13131	HUME TRADING CO	Gasoline Service Stations	2005-SelectPhone	1	2005	c. 2005	4863.000000000000	BANK	ST			4863	BANK	ST		K1X1G6	043260016	GLOUCESTER	447110; 447190		#31		71917.093819098590757	1224.034123307060099
10593	ALL IN ONE AUTOMOTIVE	Other services (except public administration)	2006-ES	1			4856.000000000000	BANK	ST			4856	BANK	ST		K1X1G6	043280237	GLOUCESTER	811111				2163.746633221700449	191.403500490379002
11762	BILLIE CONSTRUCTION	Sand and Gravel Pits	1922-DMD-TMOttawa-Sheet#14; 1948-DND-ASE-NTS-31G/5; 1967-EMR-SMB-NTS-31G/5-7thed; 1985-EMR-SMB-NTS-31G/5-11thed; CityofGloucester-File#16-287, #12-21, #15-577-Box193-247-405	1	1958-1985	c. 1958; c. 1967-1985; c. 1972; c. 1977-1980	0				GLOUCESTER	4949	BANK	ST		K1X1G7	043260658	GLOUCESTER	212323	82	UTM = 455000E, 5016600N (1985). Area is 1.2km x 700m 1967 - 1985 - lists as Unnamed Sand/Gravel Pit 1977 - Armbro merged with Billie Construction - 3 pits 1980 - heavy equipment garage, storage & repairs		1699856.873812959995121	7242.493984487490707
11848	RIDEAU CARLETON RACEWAY HLDNGS	Residential Building and Development	2005-SelectPhone	1	2005	c. 2005	4837.000000000000	ALBION	RD			4837	ALBION	RD		K1X1A3	043280500	GLOUCESTER	236110				634988.886390383006074	3358.756651935610080
13130	TRAVEL-MOR TRAILER SALES	Motor Vehicle Repair Shops	1998-SC	1	1998	c. 1998	4863.000000000000	BANK	ST		GLOUCESTER	4863	BANK	ST		K1X1G6	043260016	GLOUCESTER	415110; 415120; 415190; 811111; 811112; 811119; 811121; 811310; 811490	551; 632; 635			71917.093819098590757	1224.034123307060099
15355	UCO PETROLEUM INC	Petroleum Products, Wholesale	1994-PID	1	1994	c. 1994	4836.000000000000	BANK	ST		GLOUCESTER	4836	BANK	ST		K1X1G6	043280231	GLOUCESTER	412110; 419120; 454310	511	GEN# = ON1446982		24005.650789360101044	640.535377285989057

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT_	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPRECORDID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
8628	HUME TRADING CO LTD	Gasoline Station-FS		gasoline	5000.000000000000000	Cancelled	Current	GW Study 2004	4869	BANK	ST	<Null>	21/09/20 Location Updated	376568.489717879972886	5018852.848099909722805		2							19830401	Retail		2190.00000000000000	L	GLOUCESTER	K1G 3N4
8495	HUME TRADING CO LTD	Gasoline Station-FS		gasoline	3000.000000000000000	Cancelled	Current	GW Study 2004	4869	BANK	ST	<Null>	21/09/20 Location Updated	376568.489717879972886	5018852.848099909722805		2							19830401	Retail		2189.00000000000000000	L	GLOUCESTER	K1G 3N4
8494	HUME TRADING CO LTD	Gasoline Station-FS		gasoline	3000.000000000000000	Cancelled	Current	GW Study 2004	4869	BANK	ST	<Null>	21/09/20 Location Updated	376568.489717879972886	5018852.848099909722805		2							19830401	Retail		2188.00000000000000000	L	GLOUCESTER	K1G 3N4

DATABASE REPORT

Project Property:	*MOECP Phase I ESA for 4850 Bank Street* *4850 Bank Street* *Gloucester ON K1X 1G6*
Project No:	*PE6336*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*25072301182*
Requested by:	*Paterson Group Inc.*
Date Completed:	*July 23, 2025*

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Executive Summary

Property Information:

Project Property:	*MOECP Phase I ESA for 4850 Bank Street* *4850 Bank Street Gloucester ON K1X 1G6*
Project No:	*PE6336*

Order Information:

Order No:	*25072301182*
Date Requested:	*July 23, 2025*
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	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	1	1
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	4	4
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	6	6
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	9	9
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	6	6
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	4	4
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

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	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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	4	4
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	4	4
PTTW	Permit to Take Water	Y	0	1	1
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	2	2
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*1*	*21*	*22*
		Total:	*1*	*66*	*67*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 22 con 4 ON ***Well ID:*** 1502177	ENE/0.0	-7.60	25

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	EHS		4852 Bank Street Ottawa ON	ENE/3.2	-8.24	27
3	ECA	Pathways South Regional Inc.	Ottawa ON K2C 0P9	WSW/6.8	-6.46	28
4	WWIS		lot 22 con 4 ON ***Well ID:*** 1528501	WSW/9.5	-6.46	28
5	WWIS		lot 22 con 4 ON ***Well ID:*** 1534131	WSW/11.2	-6.44	32
5	WWIS		lot 22 con 4 ON ***Well ID:*** 1534133	WSW/11.2	-6.44	36
6	EHS		4858 Bank Street Ottawa ON	ENE/11.6	-7.60	39
7	BORE		ON	ENE/14.8	-5.46	39
8	WWIS		lot 22 con 4 ON ***Well ID:*** 1502180	ENE/27.1	-7.59	40
9	SPL	PRIVATE RESIDENCE	RESIDENCE AT 4860 BANK ST. FURNACE OIL TANK GLOUCESTER CITY ON K1X 1G6	ENE/28.4	-7.54	43
10	WWIS		lot 22 con 4 ON ***Well ID:*** 1502178	ENE/31.2	-7.58	44
11	WWIS		lot 22 con 4 ON ***Well ID:*** 1512375	ENE/31.6	-8.30	46
12	WWIS		lot 22 con 4 ON	NE/38.6	-4.24	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1514664			
13	PTTW	4840 Bank St. Ltd.	4840 Bank Street Canada ON	NE/52.9	-5.41	53
13	ECA	Leitrim South Holdings Inc.	4800 Bank St 4840 Bank Street Ottawa ON K2C 0P9	NE/52.9	-5.41	54
13	ECA	Pathways South Regional Inc.	4840 Bank St Part of Lot 22, Concession 4 (Rideau Front) Ottawa ON K2C 0P9	NE/52.9	-5.41	54
13	ECA	Pathways South Regional Inc.	4840 Bank St Ottawa ON K2C 0P9	NE/52.9	-5.41	54
13	EASR	RON EASTERN CONSTRUCTION LTD.	4840 Bank ST Ottawa ON K1X 1G6	NE/52.9	-5.41	55
13	EHS		4840 Bank St/Pathways Block 204 Ottawa ON	NE/52.9	-5.41	55
14	WWIS		lot 22 con 5 ON ***Well ID:*** 1512265	ENE/80.0	-6.85	55
15	WWIS		lot 22 con 4 ON ***Well ID:*** 1513436	NE/118.5	-5.48	58
16	BORE		ON	E/120.1	-4.93	62
17	WWIS		lot 23 con 5 ON ***Well ID:*** 1510717	E/120.2	-4.93	63
18	WWIS		lot 23 con 5 ON ***Well ID:*** 1502250	ENE/121.2	-5.08	66
19	WWIS		lot 22 con 4 ON ***Well ID:*** 7341451	W/139.5	-8.68	69
20	GEN	UPI INC. 39-454	HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NE/139.5	-5.54	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	GEN	UCO PETROLEUM INC. 39-454	HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	NE/139.5	-5.54	71
20	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NE/139.5	-5.54	72
20	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	NE/139.5	-5.54	72
20	PES	OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X1G6	NE/139.5	-5.54	72
20	EHS		4836 Bank Street Ottawa ON	NE/139.5	-5.54	73
20	EHS		4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6	NE/139.5	-5.54	73
20	ECA	2668867 Ontario Inc.	4836 Bank St Ottawa Ottawa ON K1X 1G6	NE/139.5	-5.54	73
20	PES		4836 BANK ST GLOUCESTER ON K1X 1G6	NE/139.5	-5.54	74
21	EHS		4861 Bank Street Gloucester ON K1X 1G6	ENE/141.0	-5.66	74
22	EHS		4836 Bank Street Gloucester ON K1X 1G6	NE/148.9	-5.54	74
23	WWIS		lot 23 con 5 ON ***Well ID:*** 1514840	ENE/154.2	-4.63	74
24	PRT	HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	E/173.7	-3.24	77
24	PRT	PIONEER PETROLEUMS ATTN LOLA LAURIE	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	E/173.7	-3.24	78

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	PRT	MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	E/173.7	-3.24	78
24	DTNK	MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	E/173.7	-3.24	78
24	DTNK	PIONEER ENERGY MANAGEMENT INC.	4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	E/173.7	-3.24	79
24	DTNK	HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON K1G 3N4	E/173.7	-3.24	79
24	EXP	MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	E/173.7	-3.24	80
24	EXP	HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	E/173.7	-3.24	80
24	EXP	MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	E/173.7	-3.24	80
24	EXP	MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	E/173.7	-3.24	80
24	EXP	HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	E/173.7	-3.24	81
24	EXP	HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	E/173.7	-3.24	81
25	WWIS		lot 23 con 4 ON ***Well ID:*** 1530652	SW/195.8	-3.46	81
25	WWIS		lot 23 con 4 ON ***Well ID:*** 1530653	SW/195.8	-3.46	83
25	WWIS		lot 23 con 4 ON	SW/195.8	-3.46	87

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1530654			
25	WWIS		lot 23 con 4 ON ***Well ID:*** 1530655	SW/195.8	-3.46	89
26	GEN	Cars For Less	4871 Bank Street Ottawa ON K1X 1G7	E/203.9	-1.65	91
26	EHS		4871 Bank St Ottawa ON K1X1G7	E/203.9	-1.65	91
27	WWIS		4835 Bank St lot 22 con 5 Ottawa ON ***Well ID:*** 7344681	NE/214.0	-8.35	92
28	SPL		87 Dun Skipper Avenue Gloucester, Ontario OTTAWA ON	N/221.2	-4.54	94
29	WWIS		6391 BLOSSOM TRAIL lot 6 con 3 GREELY ON ***Well ID:*** 7123641	S/224.3	-1.54	95
30	WWIS		lot 22 con 4 ON ***Well ID:*** 1502179	NE/225.4	-7.39	102
31	BORE		ON	NE/225.5	-7.39	105
32	WWIS		4835 Bank St Ottawa ON ***Well ID:*** 7344680	NE/230.4	-8.98	106
33	GEN	Heart and Stroke Foundation	Hindu Temple 4835 Bank Street, Gloucester Ottawa ON K1X 1G6	NE/244.9	-9.79	109
33	EHS		4835 Bank Street Ottawa ON	NE/244.9	-9.79	109
34	PRT	HUME TRADING CO LTD	4863 BANK ST GLOUCESTER ON	ENE/245.3	-2.46	109

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	CA	Hume Trading Company Limited	4863 Bank St Ottawa ON	ENE/245.3	-2.46	109
34	DTNK	HUME TRADING CO LTD	4863 BANK ST OTTAWA ON	ENE/245.3	-2.46	110
34	ECA	Hume Trading Company Limited	4863 Bank St Ottawa ON K1X 1G6	ENE/245.3	-2.46	110

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	14.8	7
	ON	120.1	16
	ON	225.5	31

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Hume Trading Company Limited	4863 Bank St Ottawa ON	245.3	34

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Oct 2023 has found that there are 4 DTNK site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON K1G 3N4	173.7	24
PIONEER ENERGY MANAGEMENT INC.	4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	173.7	24

Site	Address	Distance (m)	Map Key
MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	173.7	24
HUME TRADING CO LTD	4863 BANK ST OTTAWA ON	245.3	34

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011 - May 31, 2025 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
RON EASTERN CONSTRUCTION LTD.	4840 Bank ST Ottawa ON K1X 1G6	52.9	13

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011 - May 31, 2025 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Pathways South Regional Inc.	Ottawa ON K2C 0P9	6.8	3
Pathways South Regional Inc.	4840 Bank St Ottawa ON K2C 0P9	52.9	13
Pathways South Regional Inc.	4840 Bank St Part of Lot 22, Concession 4 (Rideau Front) Ottawa ON K2C 0P9	52.9	13
Leitrim South Holdings Inc.	4800 Bank St 4840 Bank Street Ottawa ON K2C 0P9	52.9	13
2668867 Ontario Inc.	4836 Bank St Ottawa Ottawa ON K1X 1G6	139.5	20

Site	Address	Distance (m)	Map Key
Hume Trading Company Limited	4863 Bank St Ottawa ON K1X 1G6	245.3	34

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	4852 Bank Street Ottawa ON	3.2	2
	4858 Bank Street Ottawa ON	11.6	6
	4840 Bank St/Pathways Block 204 Ottawa ON	52.9	13
	4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6	139.5	20
	4836 Bank Street Ottawa ON	139.5	20
	4861 Bank Street Gloucester ON K1X 1G6	141.0	21
	4836 Bank Street Gloucester ON K1X 1G6	148.9	22
	4871 Bank St Ottawa ON K1X1G7	203.9	26

Site	Address	Distance (m)	Map Key
	4835 Bank Street Ottawa ON	244.9	33

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Oct 2023 has found that there are 6 EXP site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	173.7	24
HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	173.7	24
MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	173.7	24
MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	173.7	24
HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	173.7	24
MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	173.7	24

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Dec 31, 2024 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
UPI INC. 39-454	HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	139.5	20

Site	Address	Distance (m)	Map Key
UCO PETROLEUM INC. 39-454	HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	139.5	20
Cars For Less	4871 Bank Street Ottawa ON K1X 1G7	203.9	26
Heart and Stroke Foundation	Hindu Temple 4835 Bank Street, Gloucester Ottawa ON K1X 1G6	244.9	33

PES - Pesticide Register

A search of the PES database, dated Oct 2011 - May 31, 2025 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	139.5	20
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X 1G6	139.5	20
OTTAWA FEED & HARDWARE INC	4836 BANK ST GLOUCESTER ON K1X1G6	139.5	20
	4836 BANK ST GLOUCESTER ON K1X 1G6	139.5	20

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 4 PRT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MK GAS	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	173.7	24

Site	Address	Distance (m)	Map Key
PIONEER PETROLEUMS ATTN LOLA LAURIE	4869 BANK ST RR 6 SOUTH GLOUCESTER ON	173.7	24
HUME TRADING CO LTD	4869 BANK ST GLOUCESTER ON	173.7	24
HUME TRADING CO LTD	4863 BANK ST GLOUCESTER ON	245.3	34

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Jun 30, 2025 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
4840 Bank St. Ltd.	4840 Bank Street Canada ON	52.9	13

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug; Oct-Apr 2025 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

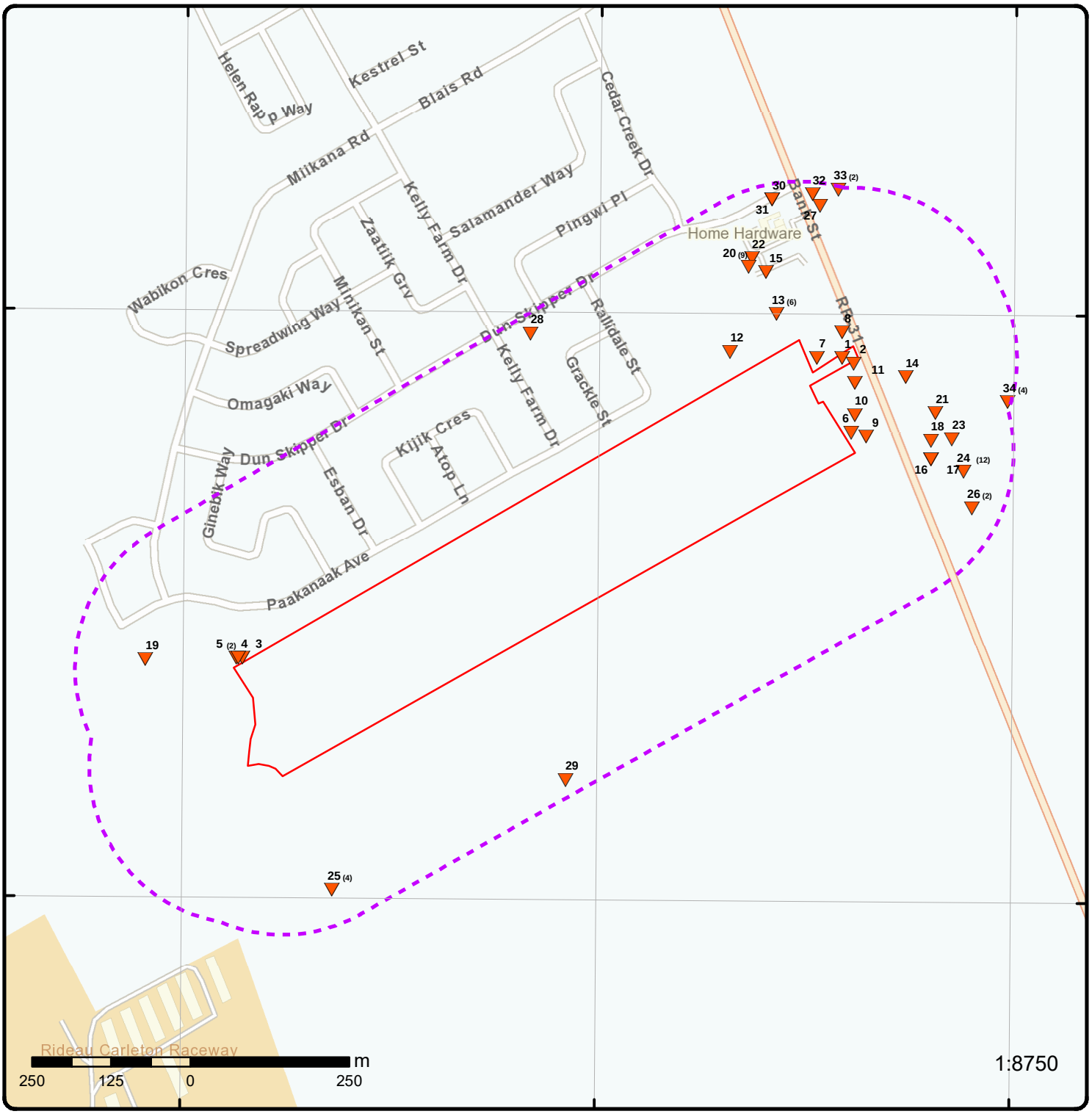
Site	Address	Distance (m)	Map Key
PRIVATE RESIDENCE	RESIDENCE AT 4860 BANK ST. FURNACE OIL TANK GLOUCESTER CITY ON K1X 1G6	28.4	9
	87 Dun Skipper Avenue Gloucester, Ontario OTTAWA ON	221.2	28

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 22 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 22 con 4 ON ***Well ID:*** 1502177	0.0	1
	lot 22 con 4 ON ***Well ID:*** 1528501	9.5	4
	lot 22 con 4 ON ***Well ID:*** 1534133	11.2	5
	lot 22 con 4 ON ***Well ID:*** 1534131	11.2	5
	lot 22 con 4 ON ***Well ID:*** 1502180	27.1	8
	lot 22 con 4 ON ***Well ID:*** 1502178	31.2	10
	lot 22 con 4 ON ***Well ID:*** 1512375	31.6	11
	lot 22 con 4 ON ***Well ID:*** 1514664	38.6	12
	lot 22 con 5 ON ***Well ID:*** 1512265	80.0	14
	lot 22 con 4 ON ***Well ID:*** 1513436	118.5	15
	lot 23 con 5 ON ***Well ID:*** 1510717	120.2	17
	lot 23 con 5 ON	121.2	18

Site	Address	Distance (m)	Map Key
	Well ID: 1502250		
	lot 22 con 4 ON	139.5	19
	Well ID: 7341451		
	lot 23 con 5 ON	154.2	23
	Well ID: 1514840		
	lot 23 con 4 ON	195.8	25
	Well ID: 1530652		
	lot 23 con 4 ON	195.8	25
	Well ID: 1530653		
	lot 23 con 4 ON	195.8	25
	Well ID: 1530654		
	lot 23 con 4 ON	195.8	25
	Well ID: 1530655		
	4835 Bank St lot 22 con 5 Ottawa ON	214.0	27
	Well ID: 7344681		
	6391 BLOSSOM TRAIL lot 6 con 3 GREELY ON	224.3	29
	Well ID: 7123641		
	lot 22 con 4 ON	225.4	30
	Well ID: 1502179		
	4835 Bank St Ottawa ON	230.4	32
	Well ID: 7344680		



Map: 0.25 Kilometer Radius

Order Number: 25072301182
Address: 4850 Bank Street, Gloucester, ON

- 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)

Source: © 2021 ESRI StreetMap Premium.

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Aerial

Year: 2023

Order Number: 25072301182

Address: 4850 Bank Street, Gloucester, ON

Source: ESRI World Imagery

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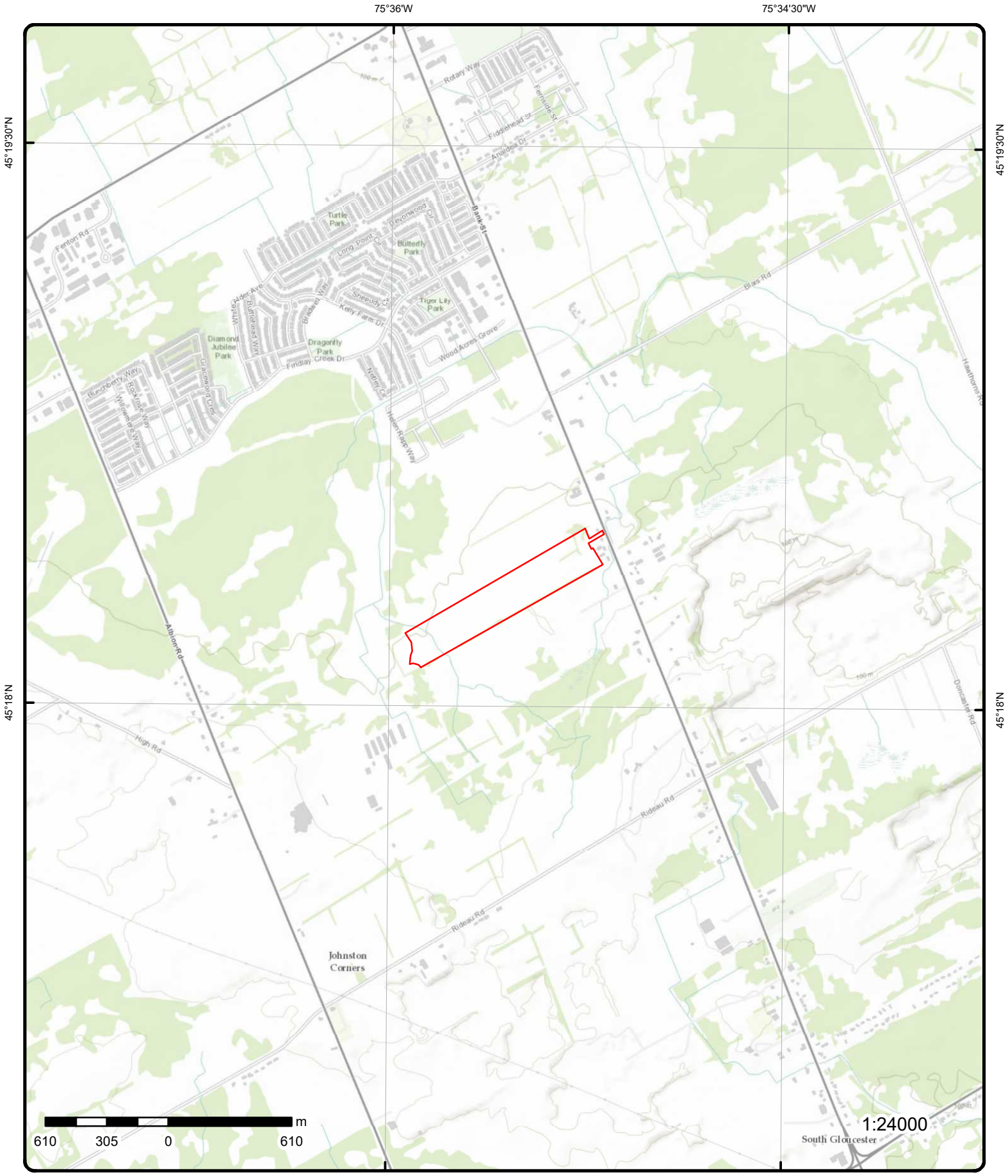

Topographic Map

Order Number: 25072301182

Address: 4850 Bank Street, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ENE/0.0	97.8 / -7.60	lot 22 con 4 ON	WWIS

Well ID:	1502177	**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:**	05/21/1957
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1603
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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\1502177.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/24/1957
Year Completed: 1957
Depth (m): 18.288
Latitude: 45.3077148855022
Longitude: -75.5867835846354
X: -75.58678342315592
Y: 45.30771487915795
Path: 150\1502177.pdf

Bore Hole Information

Bore Hole ID:	10024220	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454000.70
Code OB Desc:		**North83:**	5017302.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	04/24/1957	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930993835
Layer:	2
Color:	
General Color:	
Material 1:	13
Material 1 Desc:	BOULDERS
Material 2:	09
Material 2 Desc:	MEDIUM SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930993834
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930993836
Layer:	3
Color:	
General Color:	
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502177
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572790
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041225
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041224
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991502177
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	
Pumping Rate:	13.0
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:	933454920
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

2	***1 of 1***	***ENE/3.2***	***97.2 / -8.24***	***4852 Bank Street Ottawa ON***	***EHS***

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

Order No:	20070314016	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	3/23/2007	**Search Radius (km):**	0.25
Date Received:	3/14/2007	**X:**	-75.586554
Previous Site Name:		**Y:**	45.307639
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

3	1 of 1	WSW/6.8	99.0 / -6.46	Pathways South Regional Inc. Ottawa ON K2C 0P9	ECA

Approval No:	1442-BDRRNR	**MOE District:**	Ottawa
Approval Date:	2019-08-01	**City:**	
Status:	Approved	**Longitude:**	-75.5988
Record Type:	ECA	**Latitude:**	45.3034
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	South Nation	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Pathways South Regional Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8244-BDCMHG-14.pdf		
PDF Site Location:			

4	1 of 1	WSW/9.5	99.0 / -6.46	lot 22 con 4 ON	WWIS

Well ID:	1528501	**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:**	05/23/1995
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	149834	**Contractor:**	6455
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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\1528501.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/27/1995
Year Completed:	1995
Depth (m):	36.576
Latitude:	45.3033944088149
Longitude:	-75.5988808712438
X:	-75.59888070894644

Y: 45.30339440214827
Path: 152\1528501.pdf

Bore Hole Information

Bore Hole ID: 10050037
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/27/1995
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 453048.80
North83: 5016829.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 931069850
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069852
Layer: 3
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 50.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069851
Layer: 2
Color: 6

General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	81
Material 3 Desc:	SANDY
Formation Top Depth:	5.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069853
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	78
Material 3 Desc:	MEDIUM-GRAINED
Formation Top Depth:	89.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933113411
Layer:	1
Plug From:	0.0
Plug To:	2.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933113412
Layer:	2
Plug From:	2.0
Plug To:	25.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528501
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10598607
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930087439
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:	930087440
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991528501
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	38.0
Recommended Pump Depth:	55.0
Pumping Rate:	30.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934388296
Test Type:	Draw Down
Test Duration:	30
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934905995
Test Type:	Draw Down
Test Duration:	60
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934104671
Test Type:	Draw Down
Test Duration:	15
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648812
Test Type:	Draw Down
Test Duration:	45
Test Level:	38.0
Test Level UOM:	ft

Water Details

Water ID:	933488202
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	117.0
Water Found Depth UOM:	ft

5 | **1 of 2** | **WSW/11.2** | **99.0 / -6.44** | **lot 22 con 4 ON** | **WWIS**

Well ID:	1534131	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Test Hole	**Date Received:**	10/23/2003
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	265638	**Contractor:**	1119
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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\1534131.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/10/2003
Year Completed:	2003
Depth (m):	18.8976
Latitude:	45.303394174727
Longitude:	-75.5989255126588
X:	-75.59892535160805
Y:	45.303394167740386
Path:	153\1534131.pdf

Bore Hole Information

Bore Hole ID:	10543246	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453045.30
Code OB Desc:		**North83:**	5016829.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/10/2003	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932925091
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932925092
Layer:	3
Color:	2
General Color:	GREY
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932925090
Layer:	1
Color:	
General Color:	
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240998
Layer: 1
Plug From: 0.0
Plug To: 27.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961534131
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11091816
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930098286
Layer: 2
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: 930098285
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991534131
Pump Set At:
Static Level: 16.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0

Pumping Rate:	18.0
Flowing Rate:	
Recommended Pump Rate:	18.0
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:	934657212
Test Type:	Recovery
Test Duration:	45
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934113638
Test Type:	Recovery
Test Duration:	15
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934914659
Test Type:	Recovery
Test Duration:	60
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934397252
Test Type:	Recovery
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

Water Details

Water ID:	934037040
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	48.0
Water Found Depth UOM:	ft

Water Details

Water ID:	934037041
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	55.0
Water Found Depth UOM:	ft

5	2 of 2	WSW/11.2	99.0 / -6.44	lot 22 con 4 ON	WWIS

Well ID:	1534133	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Test Hole	**Date Received:**	10/23/2003
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	265605	**Contractor:**	1119
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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\1534133.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/26/2003
Year Completed:	2003
Depth (m):	30.7848
Latitude:	45.303394174727
Longitude:	-75.5989255126588
X:	-75.59892535160805
Y:	45.303394167740386
Path:	153\1534133.pdf

Bore Hole Information

Bore Hole ID:	10543248	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453045.30
Code OB Desc:		**North83:**	5016829.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	09/26/2003	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932925095
Layer:	1

Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932925096
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	57.0
Formation End Depth:	101.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933241000
Layer:	1
Plug From:	0.0
Plug To:	67.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961534133
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	11091818
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930098290
Layer:	2
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:	930098289
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991534133
Pump Set At:	
Static Level:	44.0
Final Level After Pumping:	90.0
Recommended Pump Depth:	90.0
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	6.0
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:	934397254
Test Type:	Recovery
Test Duration:	30
Test Level:	44.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934657214
Test Type:	Recovery
Test Duration:	45
Test Level:	44.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934914661
Test Type:	Recovery
Test Duration:	60
Test Level:	44.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934113640
Test Type:	Recovery
Test Duration:	15
Test Level:	44.0
Test Level UOM:	ft

Water Details

Water ID:	934037046
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	83.0
Water Found Depth UOM:	ft

Water Details

Water ID:	934037045
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	79.0
Water Found Depth UOM:	ft

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6 | **1 of 1** | **ENE/11.6** | **97.8 / -7.60** | **4858 Bank Street Ottawa ON** | **EHS**

Order No:	20070823009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Complete Report	**Client Prov/State:**	
Report Date:	8/31/2007	**Search Radius (km):**	0.25
Date Received:	8/23/2007	**X:**	-75.586593
Previous Site Name:		**Y:**	45.306658
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Topographical Maps		

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7 | **1 of 1** | **ENE/14.8** | **100.0 / -5.46** | **ON** | **BORE**

Borehole ID:	614684	**Inclin FLG:**	No
OGF ID:	215515627	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	4.9	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.307714
Total Depth m:	-999	**Longitude DD:**	-75.587294
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	453961
Drill Method:		**Northing:**	5017302
Orig Ground Elev m:	102	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	101		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218399038	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218399039	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS.		

Geology Stratum ID:	218399040	**Mat Consistency:**	Compact
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Sandstone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. WATER STABLE AT 319.0 FEET.E. 0003500070GREY,SOFT TO STIFF. SILT. GREY,COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 071920 NTS_Sheet: 31G05A		
Confiden 1:	Reliable information but incomplete.		

Source List

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

8	1 of 1	ENE/27.1	97.8 / -7.59	lot 22 con 4 ON	WWIS

Well ID:	1502180	**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:**	08/15/1961

Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3601
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	04
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\1502180.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/29/1961
Year Completed:	1961
Depth (m):	16.764
Latitude:	45.3080749241784
Longitude:	-75.5867872995043
X:	-75.58678713855646
Y:	45.308074916565175
Path:	150\1502180.pdf

Bore Hole Information

Bore Hole ID:	10024223	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	454000.70
Code OB Desc:		***North83:***	5017342.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	06/29/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993842
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993843
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502180
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572793
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041230
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930041231
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 55.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP

Pump Test ID:	991502180
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	8.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454923
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

9	1 of 1	ENE/28.4	97.9 / -7.54	PRIVATE RESIDENCE RESIDENCE AT 4860 BANK ST. FURNACE OIL TANK GLOUCESTER CITY ON K1X 1G6	SPL

Ref No:	107778	**Municipality No:**	20105
Year:		**Nature of Damage:**	
Incident Dt:	11/28/1994	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/28/1994	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	MCCR

Site No:	
MOE Response:	
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	
Site Address:	
Site Region:	
Site Municipality:	GLOUCESTER CITY
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	PIPE/HOSE LEAK
Incident Preceding Spill:	
Incident Reason:	EQUIPMENT FAILURE
Incident Summary:	RESIDENCE - UNKNOWN AMOUNT OF FURNACE OIL TO BASEMENT & GROUND.
Environment Impact:	POSSIBLE
Health Env Consequence:	
Nature of Impact:	Soil contamination

Contaminant Qty:	
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	LAND
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

10	1 of 1	ENE/31.2	97.8 / -7.58	lot 22 con 4 ON	WWIS

Well ID:	1502178	**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:**	08/19/1957
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3113
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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\1502178.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/05/1957
Year Completed:	1957
Depth (m):	15.24
Latitude:	45.3069061087487
Longitude:	-75.5865201163235
X:	-75.58651995462486
Y:	45.30690610201287
Path:	150\1502178.pdf

Bore Hole Information

Bore Hole ID:	10024221	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454020.70
Code OB Desc:		**North83:**	5017212.00

Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	08/05/1957	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930993837
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	09
Material 3 Desc:	MEDIUM SAND
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930993838
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502178
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572791
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041227
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041226
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991502178
Pump Set At:	
Static Level:	13.0
Final Level After Pumping:	50.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454921
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

11 ***1 of 1*** ***ENE/31.6*** ***97.1 / -8.30*** ***lot 22 con 4 ON*** ***WWIS***

Well ID:	1512375	***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:***	03/07/1973
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	

Audit No:		**Contractor:**	1703
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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:			

Additional Detail(s) (Map)

Bore Hole ID:	10034367	**Tag No:**	
Depth M:	22.5552	**Contractor:**	1703
Year Completed:	1972	**Latitude:**	45.3073561571757
Well Completed Dt:	11/27/1972	**Longitude:**	-75.5865247577048
Audit No:		**Y:**	45.3073561497816
Path:		**X:**	-75.5865245961806

Bore Hole Information

Bore Hole ID:	10034367	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454020.70
Code OB Desc:		**North83:**	5017262.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/27/1972	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931020459
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	25
Material 1 Desc:	OVERBURDEN
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020460
Layer:	2
Color:	1
General Color:	WHITE
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512375
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10582937
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060915
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	20.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930060916
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	74.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991512375
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	12.0
Recommended Pump Depth:	35.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934098022
Test Type:	Draw Down
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647324
Test Type:	Draw Down
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895897
Test Type:	Draw Down
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377416
Test Type:	Draw Down
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933467794
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

12	*1 of 1*	*NE/38.6*	*101.2 / -4.24*	*lot 22 con 4 ON*	*WWIS*

Well ID:	1514664	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Industrial	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/22/1975
Water Type:		***Selected Flag:***	TRUE

Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	04
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\1514664.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/20/1975
Year Completed:	1975
Depth (m):	38.1
Latitude:	45.3077932733578
Longitude:	-75.5890422728133
X:	-75.58904211131697
Y:	45.30779326590524
Path:	151\1514664.pdf

Bore Hole Information

Bore Hole ID:	10036634	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453823.70
Code OB Desc:		***North83:***	5017312.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	02/20/1975	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931026922
Layer:	2
Color:	8
General Color:	BLACK
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026921
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	13
Material 3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026924
Layer:	4
Color:	1
General Color:	WHITE
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	111.0
Formation End Depth:	125.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026923
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	111.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514664
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585204
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064752
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930064753
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991514664
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	80.0
Pumping Rate:	12.0
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:	15
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934901541
Test Type:	Draw Down
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383084
Test Type:	Draw Down
Test Duration:	30

Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100485
Test Type: Draw Down
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934644071
Test Type: Draw Down
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933470590
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 32.0
Water Found Depth UOM: ft

Water Details

Water ID: 933470591
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 111.0
Water Found Depth UOM: ft

13	1 of 6	NE/52.9	100.0 / -5.41	4840 Bank St. Ltd. 4840 Bank Street Canada ON	PTTW

EBR Registry No: 013-4537
Ministry Ref No: 0136-B8BQMY
Notice Type: Instrument
Notice Stage: Decision
Notice Date:
Proposal Date: March 7, 2019
Year: 2019
Decision Posted: March 16, 2021
Exception Posted:
Section: Section 34
Act 1: Ontario Water Resources Act, R.S.O. 1990
Act 2: Ontario Water Resources Act
Site Location Map: 45.306219,-75.594448
Instrument Type: Permit to take water
Off Instrument Name: Permit to Take Water (OWRA s. 34)
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address: 4840 Bank Street Canada
Location Other:
Proponent Name: 4840 Bank St. Ltd.
Proponent Address: 4840 Bank St. Ltd. 1737 Woodward Drive Ottawa, ON K2C 0P9 Canada
Comment Period: March 7, 2019 - April 6, 2019 (30 days) Closed
URL: https://ero.ontario.ca/notice/013-4537
Summary:

Site Location Details:

Lot 22, Concession 4 From Rideau River Original Geographic Township of Gloucester, City of Ottawa.

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13 | **2 of 6** | **NE/52.9** | **100.0 / -5.41** | **Leitrim South Holdings Inc.**
4800 Bank St 4840 Bank Street
Ottawa ON K2C 0P9 | **ECA**

Approval No:	3064-BBZL6Z	**MOE District:**	
Approval Date:	2019-06-02	**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:	Leitrim South Holdings Inc.		
Address:	4800 Bank St 4840 Bank Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3701-B4HPDU-14.pdf		
PDF Site Location:			

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13 | **3 of 6** | **NE/52.9** | **100.0 / -5.41** | **Pathways South Regional Inc.**
4840 Bank St Part of Lot 22, Concession 4 (Rideau Front)
Ottawa ON K2C 0P9 | **ECA**

Approval No:	4745-BPXRBQ	**MOE District:**	
Approval Date:	2020-06-04	**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:	Pathways South Regional Inc.		
Address:	4840 Bank St Part of Lot 22, Concession 4 (Rideau Front)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7645-BPLPZ5-14.pdf		
PDF Site Location:			

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13 | **4 of 6** | **NE/52.9** | **100.0 / -5.41** | **Pathways South Regional Inc.**
4840 Bank St
Ottawa ON K2C 0P9 | **ECA**

Approval No:	7255-C86PLK	**MOE District:**	Ottawa
Approval Date:	2021-11-07	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	-8414227.3137999997
SWP Area Name:	South Nation	**Geometry Y:**	5670065.1547999969
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Pathways South Regional Inc.		
Address:	4840 Bank St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8263-C7WKGX-14.pdf		
PDF Site Location:	Pathways South Block 203 4840 Bank Street City of Ottawa, Ontario		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	5 of 6	NE/52.9	100.0 / -5.41	RON EASTERN CONSTRUCTION LTD. 4840 Bank ST Ottawa ON K1X 1G6	EASR

Approval No:	R-009-7232525387	**MOE District:**	Ottawa
Status:	REGISTERED	**Municipality:**	Ottawa
Date:	June 15, 2023	**Latitude:**	45.30805556
Record Type:	EASR	**Longitude:**	-75.58805556
Link Source:	MOFA	**Geometry X:**	-8414423.8544999994
Project Type:	Water Taking - Construction Dewatering	**Geometry Y:**	5670149.6071000025
Full Address:			
Approval Type:	EASR-Water Taking - Construction Dewatering		
SWP Area Name:	South Nation		
PDF NAICS Code:			
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2991474		
PDF Site Location:	4840 Bank Street Ottawa ON K1X 1G6		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	6 of 6	NE/52.9	100.0 / -5.41	4840 Bank St/Pathways Block 204 Ottawa ON	EHS

Order No:	22051301402	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	18-MAY-22	**Search Radius (km):**	.25
Date Received:	13-MAY-22	**X:**	-75.5881128
Previous Site Name:		**Y:**	45.3083294
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	ENE/80.0	98.6 / -6.85	lot 22 con 5 ON	WWIS

Well ID:	1512265	**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:**	01/15/1973
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3002
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	05
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\1512265.pdf		

Additional Detail(s) (Map)

Well Completed Date:	11/24/1972
Year Completed:	1972

Depth (m):	14.6304
Latitude:	45.3074514026667
Longitude:	-75.5855052356763
X:	-75.58550507423996
Y:	45.30745139612527
Path:	151\1512265.pdf

Bore Hole Information

Bore Hole ID:	10034257	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454100.70
Code OB Desc:		**North83:**	5017272.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/24/1972	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931020159
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020158
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961512265
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10582827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930060750
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930060751
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991512265
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 48.0
Recommended Pump Depth: 30.0
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

Draw Down & Recovery

Pump Test Detail ID: 934647231
Test Type: Recovery
Test Duration: 45

Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895388
Test Type: Recovery
Test Duration: 60
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376902
Test Type: Recovery
Test Duration: 30
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097920
Test Type: Recovery
Test Duration: 15
Test Level: 4.0
Test Level UOM: ft

Water Details

Water ID: 933467661
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

Water Details

Water ID: 933467663
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 34.0
Water Found Depth UOM: ft

Water Details

Water ID: 933467662
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 21.0
Water Found Depth UOM: ft

15	1 of 1	NE/118.5	99.9 / -5.48	lot 22 con 4 ON	WWIS

Well ID: 1513436
Construction Date:
Use 1st: Domestic
Flowing (Y/N):
Flow Rate:
Data Entry Status:

Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	09/28/1973
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2557
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	04
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\1513436.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/16/1973
Year Completed:	1973
Depth (m):	15.24
Latitude:	45.3089221413098
Longitude:	-75.5883268374131
X:	-75.58832667520062
Y:	45.30892213360594
Path:	151\1513436.pdf

Bore Hole Information

Bore Hole ID:	10035422	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453880.70
Code OB Desc:		***North83:***	5017437.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	6
Date Completed:	08/16/1973	***UTMRC Desc:***	margin of error : 300 m - 1 km
Remarks:		***Location Method:***	p6
Location Method Desc:	Original Pre1985 UTM Rel Code 6: margin of error : 300 m - 1 km		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931023367
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	
Material 3 Desc:	

Formation Top Depth: 4.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931023366
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931023368
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931023369
Layer: 4
Color: 1
General Color: WHITE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513436
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID:	10583992
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930062713
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991513436
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	30.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934379071
Test Type:	Draw Down
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897540
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099259
Test Type:	Draw Down
Test Duration:	15

Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639647
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933468985
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

16 | **1 of 1** | **E/120.1** | **100.5 / -4.93** | **ON** | **BORE**

Borehole ID:	614681	**Inclin FLG:**	No
OGF ID:	215515624	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	NOV-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.306285
Total Depth m:	15.8	**Longitude DD:**	-75.584983
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	454141
Drill Method:		**Northing:**	5017142
Orig Ground Elev m:	104	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218399032	**Mat Consistency:**	Soft
Top Depth:	1.8	**Material Moisture:**	
Bottom Depth:	15.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00050BEDROCK. DOLOMITE. 0003500070GREY,SOFT TO STIFF. SILT. GREY,COMP **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218399031	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	

Material 1:	Stones	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	STONES. BROWN.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07189 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		

17	1 of 1	E/120.2	100.5 / -4.93	lot 23 con 5 ON	WWIS

Well ID:	1510717	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Commerical	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/23/1971
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3701
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	05
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\1510717.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/15/1970
Year Completed:	1970
Depth (m):	15.8496
Latitude:	45.3062838908681
Longitude:	-75.5849829744803
X:	-75.58498281197123
Y:	45.30628388411291

Path: 151\1510717.pdf

Bore Hole Information

Bore Hole ID:	10032734	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454140.70
Code OB Desc:		**North83:**	5017142.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/15/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931015644
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015643
Layer: 1
Color: 6
General Color: BROWN
Material 1: 12
Material 1 Desc: STONES
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510717
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID:	10581304
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058035
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	52.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930058034
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991510717
Pump Set At:	
Static Level:	7.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	40.0
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934097308
Test Type:	Recovery
Test Duration:	15
Test Level:	7.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380043
Test Type:	Recovery
Test Duration:	30
Test Level:	7.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897988
Test Type:	Recovery
Test Duration:	60
Test Level:	7.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641202
Test Type:	Recovery
Test Duration:	45
Test Level:	7.0
Test Level UOM:	ft

Water Details

Water ID:	933465750
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

18 | ***1 of 1*** | ***ENE/121.2*** | ***100.3 / -5.08*** | ***lot 23 con 5 ON*** | ***WWIS***

Well ID:	1502250	**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:**	01/19/1965
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	05
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\1502250.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/14/1964
Year Completed:	1964

Depth (m):	24.0792
Latitude:	45.3065539200323
Longitude:	-75.5849857519376
X:	-75.5849855904368
Y:	45.30655391288163
Path:	150\1502250.pdf

Bore Hole Information

Bore Hole ID:	10024293	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	454140.70
Code OB Desc:		**North83:**	5017172.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/14/1964	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	930994034
Layer:	2
Color:	
General Color:	
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994033
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930994035
Layer:	3
Color:	7
General Color:	RED
Material 1:	21
Material 1 Desc:	GRANITE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502250
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572863
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041367
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	79.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041366
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991502250
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	75.0

Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	4.0
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:	30
Flowing:	No

Water Details

Water ID:	933455007
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

19 | ***1 of 1*** | ***W/139.5*** | ***96.7 / -8.68*** | ***lot 22 con 4 ON*** | ***WWIS***

Well ID:	7341451	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	09/10/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z252131	**Contractor:**	4875
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	04
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/734\7341451.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/13/2018
Year Completed:	2018
Depth (m):	
Latitude:	45.3033665736146
Longitude:	-75.6007530691307
X:	-75.60075290697502
Y:	45.30336656685336
Path:	734\7341451.pdf

Bore Hole Information

Bore Hole ID:	1007636315	**Elevation:**	
DP2BR:		**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	452902.00
Code OB Desc:		***North83:***	5016827.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	08/13/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008123506
Layer:	
Color:	
General Color:	
Material 1:	
Material 1 Desc:	
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008121347
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1008123505
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008123509
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1008123510

Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1008123508
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1008123507
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

20	1 of 9	NE/139.5	99.9 / -5.54	UPI INC. 39-454 HIGHWAY #31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	GEN

Generator Info

Generator No: ON1446982
Approval Years: 92,93,96,97,98
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: PETROLEUM PROD., WH.

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 5111

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

20	2 of 9	NE/139.5	99.9 / -5.54	UCO PETROLEUM INC. 39-454 HWY#31 SOUTH, 4836 BANK ST. OTTAWA ON K1G 3N4	GEN

Generator Info

Generator No: ON1446982
Approval Years: 94,95
Status:
PO Box No:
Country:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 5111

Co Admin:
Phone No Admin:
SIC Description: PETROLEUM PROD., WH.

Waste Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

20	3 of 9	NE/139.5	99.9 / -5.54	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

20	4 of 9	NE/139.5	99.9 / -5.54	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

20	5 of 9	NE/139.5	99.9 / -5.54	OTTAWA FEED & HARDWARE INC 4836 BANK ST GLOUCESTER ON K1X1G6	PES

Detail Licence No:
Licence No: 13853

Operator Box:
Operator Class:

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

Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	8220760
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

20	6 of 9	NE/139.5	99.9 / -5.54	4836 Bank Street Ottawa ON	EHS

Order No:	20130730017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	07-AUG-13	**Search Radius (km):**	.25
Date Received:	30-JUL-13	**X:**	-75.5876
Previous Site Name:		**Y:**	45.309581
Lot/Building Size:			
Additional Info Ordered:			

20	7 of 9	NE/139.5	99.9 / -5.54	4836 Bank Street Ottawa Ontario Gloucester ON K1X 1G6	EHS

Order No:	20190205061	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Urban)	**Client Prov/State:**	ON
Report Date:	08-FEB-19	**Search Radius (km):**	.3
Date Received:	05-FEB-19	**X:**	-75.588744
Previous Site Name:		**Y:**	45.309066
Lot/Building Size:			
Additional Info Ordered:			

20	8 of 9	NE/139.5	99.9 / -5.54	2668867 Ontario Inc. 4836 Bank St Ottawa Ottawa ON K1X 1G6	ECA

Approval No:	7857-BQ3J3V	**MOE District:**	Ottawa
Approval Date:	2020-06-17	**City:**	
Status:	Approved	**Longitude:**	-75.58868
Record Type:	ECA	**Latitude:**	45.309
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	South Nation	**Geometry Y:**	

Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	2668867 Ontario Inc.
Address:	4836 Bank St Ottawa
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8150-BPSRKL-14.pdf
PDF Site Location:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	9 of 9	NE/139.5	99.9 / -5.54	4836 BANK ST GLOUCESTER ON K1X 1G6	PES

Detail Licence No:		**Operator Box:**	
Licence No:	L-232-2125813698	**Operator Class:**	
Status:	Active	**Operator No:**	
Approval Date:	2021-04-08	**Operator Type:**	
Report Source:	PEST-Limited Vendor	**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:	45.30888889	**Operator Region:**	
Longitude:	-75.58861111	**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	Ottawa
County:		**SWP Area Name:**	South Nation
Trade Name:			
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2379662		

21	1 of 1	ENE/141.0	99.8 / -5.66	4861 Bank Street Gloucester ON K1X 1G6	EHS

Order No:	23031000133	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	15-MAR-23	**Search Radius (km):**	.25
Date Received:	10-MAR-23	**X:**	-75.5848995
Previous Site Name:		**Y:**	45.3069355
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

22	1 of 1	NE/148.9	99.9 / -5.54	4836 Bank Street Gloucester ON K1X 1G6	EHS

Order No:	24071100224	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	16-JUL-24	**Search Radius (km):**	.25
Date Received:	11-JUL-24	**X:**	-75.5886163
Previous Site Name:		**Y:**	45.3091228
Lot/Building Size:			
Additional Info Ordered:			

23	1 of 1	ENE/154.2	100.8 / -4.63	lot 23 con 5 ON	WWIS

Well ID:	1514840	**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:**	08/06/1975
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2557
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	023

Depth to Bedrock:		***Concession:***	05
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\1514840.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/11/1975
Year Completed:	1975
Depth (m):	41.148
Latitude:	45.3065740771457
Longitude:	-75.5845650077352
X:	-75.5845648466449
Y:	45.30657406971064
Path:	151\1514840.pdf

Bore Hole Information

Bore Hole ID:	10036809	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	454173.70
Code OB Desc:		***North83:***	5017174.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	07/11/1975	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931027484
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931027483

Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514840
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585379
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065083
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930065084
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991514840
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	90.0
Recommended Pump Depth:	90.0
Pumping Rate:	9.0
Flowing Rate:	

Recommended Pump Rate:	6.0
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:	10
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934384086
Test Type:	Draw Down
Test Duration:	30
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644653
Test Type:	Draw Down
Test Duration:	45
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893778
Test Type:	Draw Down
Test Duration:	60
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100653
Test Type:	Draw Down
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

Water Details

Water ID:	933470814
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105.0
Water Found Depth UOM:	ft

24	***1 of 12***	***E/173.7***	***102.2 / -3.24***	***HUME TRADING CO LTD*** ***4869 BANK ST*** ***GLOUCESTER ON***	***PRT***

Location ID:	28002
Type:	retail
Expiry Date:	1995-06-30
Capacity (L):	50006
Licence #:	0076415819

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	2 of 12	E/173.7	102.2 / -3.24	PIONEER PETROLEUMS ATTN LOLA LAURIE 4869 BANK ST RR 6 SOUTH GLOUCESTER ON	PRT

Location ID: 24270
Type: retail
Expiry Date: 1990-07-31
Capacity (L): 3080
Licence #: 0053502001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	3 of 12	E/173.7	102.2 / -3.24	MK GAS 4869 BANK ST RR 6 SOUTH GLOUCESTER ON	PRT

Location ID: 24270
Type: retail
Expiry Date: 1995-02-28
Capacity (L): 86374
Licence #: 0076408350

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	4 of 12	E/173.7	102.2 / -3.24	MK GAS 4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 10024216
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

Expired Date: 12/1/1993
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	5 of 12	E/173.7	102.2 / -3.24	PIONEER ENERGY MANAGEMENT INC. 4869 BANK ST RR 6 SOUTH GLOUCESTER ON K4C 1C1	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10024190	Expired Date:	8/1/1990
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:		Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:			
Original Source:	EXP		
Record Date:	Up to May 2013		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	6 of 12	E/173.7	102.2 / -3.24	HUME TRADING CO LTD 4869 BANK ST GLOUCESTER ON K1G 3N4	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10074628	Expired Date:	7/5/1994
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:		Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			

TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

24	7 of 12	E/173.7	102.2 / -3.24	MK GAS 4869 BANK ST RR 6 SOUTH GLOUCESTER ON	EXP

Inventory No: 11186063
Inventory Status: EXPIRED
Installation Year: 1990
Capacity: 13700
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Sacrificial anode
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

24	8 of 12	E/173.7	102.2 / -3.24	HUME TRADING CO LTD 4869 BANK ST GLOUCESTER ON	EXP

Inventory No: 11268850
Inventory Status: EXPIRED
Installation Year: 1990
Capacity: 3000
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: REGULAR
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Coating
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

24	9 of 12	E/173.7	102.2 / -3.24	MK GAS 4869 BANK ST RR 6 SOUTH GLOUCESTER ON	EXP

Inventory No: 11186038
Inventory Status: EXPIRED
Installation Year: 1990
Capacity: 22500
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Sacrificial anode
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

24	10 of 12	E/173.7	102.2 / -3.24	MK GAS 4869 BANK ST RR 6	EXP

SOUTH GLOUCESTER ON

Inventory No:	11186080	***Tank Material:***	Steel
Inventory Status:	EXPIRED	***Corrosion Protect:***	Sacrificial anode
Installation Year:	1990	***Overfill Protection:***	
Capacity:	13700	***Inventory Context:***	FS Liquid Fuel Tank
Capacity Unit:		***Inventory Item:***	FS LIQUID FUEL TANK
Tank Type:			
Manufacturer:			
Model:			
Description:	UNDERGROUND TANK		
Previous Fuel Type:	Diesel		

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24 ***11 of 12*** ***E/173.7*** ***102.2 / -3.24*** ***HUME TRADING CO LTD*** ***EXP***
4869 BANK ST
GLOUCESTER ON

Inventory No:	11268893	***Tank Material:***	Steel
Inventory Status:	EXPIRED	***Corrosion Protect:***	Coating
Installation Year:	1990	***Overfill Protection:***	
Capacity:	5000	***Inventory Context:***	FS Liquid Fuel Tank
Capacity Unit:		***Inventory Item:***	FS LIQUID FUEL TANK
Tank Type:			
Manufacturer:			
Model:			
Description:	REGULAR		
Previous Fuel Type:	Gasoline		

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24 ***12 of 12*** ***E/173.7*** ***102.2 / -3.24*** ***HUME TRADING CO LTD*** ***EXP***
4869 BANK ST
GLOUCESTER ON

Inventory No:	11268876	***Tank Material:***	Steel
Inventory Status:	EXPIRED	***Corrosion Protect:***	Coating
Installation Year:	1990	***Overfill Protection:***	
Capacity:	3000	***Inventory Context:***	FS Liquid Fuel Tank
Capacity Unit:		***Inventory Item:***	FS LIQUID FUEL TANK
Tank Type:			
Manufacturer:			
Model:			
Description:	REGULAR		
Previous Fuel Type:	Gasoline		

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25 ***1 of 4*** ***SW/195.8*** ***102.0 / -3.46*** ***lot 23 con 4*** ***WWIS***
ON

Well ID:	1530652	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:		***Date Received:***	08/09/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	201701	***Contractor:***	4006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	023
Depth to Bedrock:		***Concession:***	04
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\1530652.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/23/1999
Year Completed:	1999
Depth (m):	10.668
Latitude:	45.3001099067123
Longitude:	-75.5969649796613
X:	-75.59696481805355
Y:	45.30010989986282
Path:	153\1530652.pdf

Bore Hole Information

Bore Hole ID:	10052186	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453196.30
Code OB Desc:		***North83:***	5016463.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/23/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931076160
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530652
Method Construction Code:	0
Method Construction:	Not Known

Other Method Construction:

Pipe Information

Pipe ID: 10600756
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091052
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 35.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

25	2 of 4	SW/195.8	102.0 / -3.46	lot 23 con 4 ON	WWIS

Well ID:	1530653	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:		***Date Received:***	08/09/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	201703	***Contractor:***	4006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	023
Depth to Bedrock:		***Concession:***	04
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\1530653.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/23/1999
Year Completed: 1999
Depth (m): 64.008
Latitude: 45.3001099067123
Longitude: -75.5969649796613
X: -75.59696481805355
Y: 45.30010989986282
Path: 153\1530653.pdf

Bore Hole Information

Bore Hole ID: 10052187 ***Elevation:***
DP2BR: ***Elevrc:***

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453196.30
Code OB Desc:		***North83:***	5016463.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/23/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931076162
Layer:	2
Color:	8
General Color:	BLACK
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	42.0
Formation End Depth:	51.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931076163
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	51.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931076164
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	18
Material 2 Desc:	SANDSTONE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	123.0

Formation End Depth:	168.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931076165
Layer:	5
Color:	1
General Color:	WHITE
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	168.0
Formation End Depth:	200.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931076166
Layer:	6
Color:	4
General Color:	GREEN
Material 1:	21
Material 1 Desc:	GRANITE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	200.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931076161
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115802
Layer:	1
Plug From:	0.0
Plug To:	42.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530653
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10600757
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930091055
Layer:	3
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	210.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930091054
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930091053
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	42.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Water Details

Water ID:	933490858
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	73.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933490859
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	123.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933490860
Layer:	3
Kind Code:	5
Kind:	Not stated
Water Found Depth:	147.0
Water Found Depth UOM:	ft

25	3 of 4	SW/195.8	102.0 / -3.46	lot 23 con 4 ON	WWIS

Well ID:	1530654	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:		***Date Received:***	08/09/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	201704	***Contractor:***	4006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	023
Depth to Bedrock:		***Concession:***	04
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\1530654.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/23/1999
Year Completed:	1999
Depth (m):	16.4592
Latitude:	45.3001099067123
Longitude:	-75.5969649796613
X:	-75.59696481805355
Y:	45.30010989986282
Path:	153\1530654.pdf

Bore Hole Information

Bore Hole ID:	10052188	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453196.30
Code OB Desc:		***North83:***	5016463.00

Open Hole:
Cluster Kind:
Date Completed: 05/23/1999
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 931076167
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076168
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530654
Method Construction Code: 8
Method Construction: Jetting
Other Method Construction:

Pipe Information

Pipe ID: 10600758
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930091056
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	20.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930091057
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	54.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

25	4 of 4	SW/195.8	102.0 / -3.46	lot 23 con 4 ON	WWIS

Well ID:	1530655	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:		**Date Received:**	08/09/1999
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	201705	**Contractor:**	4006
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	04
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\1530655.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/23/1999
Year Completed:	1999
Depth (m):	17.6784
Latitude:	45.3001099067123
Longitude:	-75.5969649796613
X:	-75.59696481805355
Y:	45.30010989986282
Path:	153\1530655.pdf

Bore Hole Information

Bore Hole ID:	10052189	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453196.30
Code OB Desc:		***North83:***	5016463.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/23/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931076169
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530655
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10600759
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930091058
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 2	E/203.9	103.8 / -1.65	Cars For Less 4871 Bank Street Ottawa ON K1X 1G7	GEN

Generator Info

Generator No:	ON7440980	Choice of Contact:	
Approval Years:	02,03,04	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 265
Waste Class Name: GRAPHIC ART WASTES

Waste Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 114
Waste Class Name: OTHER INORGANIC ACID WASTES

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 222
Waste Class Name: HEAVY FUELS

Waste Detail(s)

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

26	2 of 2	E/203.9	103.8 / -1.65	4871 Bank St	EHS

Ottawa ON K1X1G7

Order No:	20150515072	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	22-MAY-15	**Search Radius (km):**	.25
Date Received:	15-MAY-15	**X:**	-75.583418
Previous Site Name:		**Y:**	45.305687
Lot/Building Size:			
Additional Info Ordered:			

27	1 of 1	NE/214.0	97.1 / -8.35	4835 Bank St lot 22 con 5 Ottawa ON	WWIS

Well ID:	7344681	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/22/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z286385	**Contractor:**	7543
Tag:	A247970	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	05
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/734\7344681.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/24/2019
Year Completed:	2019
Depth (m):	3.9624
Latitude:	45.3098728421668
Longitude:	-75.5872485140211
X:	-75.58724835218406
Y:	45.30987283478173
Path:	734\7344681.pdf

Bore Hole Information

Bore Hole ID:	1007687248	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	453966.00
Code OB Desc:		**North83:**	5017542.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/24/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID:	1008085972
Layer:	1
Color:	2
General Color:	GREY
Material 1:	34
Material 1 Desc:	TILL
Material 2:	01
Material 2 Desc:	FILL
Material 3:	28
Material 3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087411
Layer:	2
Plug From:	7.0
Plug To:	13.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087410
Layer:	1
Plug From:	0.0
Plug To:	7.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008089005
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008084824
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008089345
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC

Depth From:	0.0
Depth To:	8.0
Casing Diameter:	2.066999912261963
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008089988
Layer:	1
Slot:	3
Screen Top Depth:	8.0
Screen End Depth:	13.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.375

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008090682
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008090129
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1008088024
Diameter:	8.0
Depth From:	0.0
Depth To:	13.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

28	***1 of 1***	***N/221.2***	***100.9 / -4.54***	***87 Dun Skipper Avenue Gloucester, Ontario OTTAWA ON***	***SPL***

Ref No:	1-23VWWE	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:		***Discharger Report:***	

Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	8/22/2022 10:20:37 AM	**Impact to Health:**	0 No Impact
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	87 Dun Skipper Avenue Gloucester, Ontario		
Site Region:			
Site Municipality:	OTTAWA		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:			
Incident Preceding Spill:	Line Strike		
Incident Reason:			
Incident Summary:	TSSA: ½ PL Service Line Gloucester ~ made safe		
Environment Impact:	0 No Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Air		
Activity Preceding Spill:			
Property 2nd Watershed:	Lower Ottawa		
Property Tertiary Watershed:	02LB-Lower Ottawa - South Nation		
Sector Type:	NATURAL GAS DISTRIBUTION		
SAC Action Class:			
Call Report Locatn Geodata:	{"integration_ids":["PR00003783509"],"wkts":["POINT (-75.5930487000 45.3080085000)"],"creation_date":"2022-08-22"}		
Time Reported:			
System Facility Address:			

29	1 of 1	S/224.3	103.9 / -1.54	6391 BLOSSOM TRAIL lot 6 con 3 GREELY ON	WWIS

Well ID:	7123641	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	06/03/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z94625	**Contractor:**	1119
Tag:	A066507	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	006

Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OSGOODE TOWNSHIP		
Site Info:	S/L 23		

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123641.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/15/2009
Year Completed:	2009
Depth (m):	63.0936
Latitude:	45.301700490705
Longitude:	-75.592291653381
X:	-75.59229149140792
Y:	45.30170048379158
Path:	712\7123641.pdf

Bore Hole Information

Bore Hole ID:	1002435627	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453564.00
Code OB Desc:		***North83:***	5016637.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	04/15/2009	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	digit
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002591041
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	207.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 1002591040

Layer:	1
Color:	
General Color:	
Material 1:	28
Material 1 Desc:	SAND
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002591044
Layer:	2
Plug From:	12.0
Plug To:	22.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002591043
Layer:	1
Plug From:	0.0
Plug To:	12.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1002591076
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1002591038
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002591047
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	22.0
Depth To:	207.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1002591046

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002591048
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1002591039
Pump Set At:	180.0
Static Level:	25.58300018310547
Final Level After Pumping:	77.58300018310547
Recommended Pump Depth:	140.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1002591055
Test Type:	Draw Down
Test Duration:	4
Test Level:	48.33300018310547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002591060
Test Type:	Recovery
Test Duration:	10
Test Level:	28.16699981689453
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002591049
Test Type:	Draw Down
Test Duration:	1

Test Level: 34.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591056
Test Type: Recovery
Test Duration: 4
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591059
Test Type: Draw Down
Test Duration: 10
Test Level: 60.66699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591064
Test Type: Recovery
Test Duration: 20
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591051
Test Type: Draw Down
Test Duration: 2
Test Level: 40.16699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591063
Test Type: Draw Down
Test Duration: 20
Test Level: 68.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591053
Test Type: Draw Down
Test Duration: 3
Test Level: 45.08300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591061
Test Type: Draw Down
Test Duration: 15
Test Level: 66.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591066
Test Type: Recovery
Test Duration: 25
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591067
Test Type: Draw Down
Test Duration: 30
Test Level: 73.33300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591071
Test Type: Draw Down
Test Duration: 50
Test Level: 76.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591050
Test Type: Recovery
Test Duration: 1
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591054
Test Type: Recovery
Test Duration: 3
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591057
Test Type: Draw Down
Test Duration: 5
Test Level: 51.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591070
Test Type: Recovery
Test Duration: 40
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591073
Test Type: Draw Down

Test Duration: 60
Test Level: 77.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591052
Test Type: Recovery
Test Duration: 2
Test Level: 45.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591062
Test Type: Recovery
Test Duration: 15
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591065
Test Type: Draw Down
Test Duration: 25
Test Level: 70.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591069
Test Type: Draw Down
Test Duration: 40
Test Level: 75.66699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591072
Test Type: Recovery
Test Duration: 50
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591058
Test Type: Recovery
Test Duration: 5
Test Level: 33.33300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002591068
Test Type: Recovery
Test Duration: 30
Test Level: 25.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1002591074
Test Type:	Recovery
Test Duration:	60
Test Level:	25.58300018310547
Test Level UOM:	ft

Water Details

Water ID:	1002591045
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	201.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1002591042
Diameter:	6.0
Depth From:	0.0
Depth To:	207.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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30 ***1 of 1*** ***NE/225.4*** ***98.0 / -7.39*** ***lot 22 con 4 ON*** ***WWIS***

Well ID:	1502179	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/14/1961
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1802
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	04
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\1502179.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/06/1961
Year Completed:	1961
Depth (m):	27.1272
Latitude:	45.3099579089623
Longitude:	-75.5882099845241
X:	-75.58820982319847
Y:	45.30995790186955
Path:	150\1502179.pdf

Bore Hole Information

Bore Hole ID:	10024222	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453890.70
Code OB Desc:		***North83:***	5017552.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/06/1961	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930993840
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993841
Layer: 3
Color:
General Color:
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930993839
Layer: 1
Color:
General Color:
Material 1: 13

Material 1 Desc:	BOULDERS
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	09
Material 3 Desc:	MEDIUM SAND
Formation Top Depth:	0.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502179
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572792
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041228
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930041229
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	89.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991502179
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	80.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
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:	933454922
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85.0
Water Found Depth UOM:	ft

31 **1 of 1** **NE/225.5** **98.0 / -7.39** **ON** **BORE**

Borehole ID:	614686	**Inclin FLG:**	No
OGF ID:	215515629	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1961	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.309959
Total Depth m:	27.1	**Longitude DD:**	-75.58821
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	453891
Drill Method:		**Northing:**	5017552
Orig Ground Elev m:	99.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	98.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218399047	**Mat Consistency:**	Compact
Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	27.1	**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. 00085BEDROCK. 0003500070GREY,SOFT TO STIFF. SILT. GREY,COMPACT. BEDROCK.		

Geology Stratum ID:	218399045	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Boulders	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BOULDERS.		

Geology Stratum ID:	218399046	**Mat Consistency:**	
Top Depth:	4.9	**Material Moisture:**	
Bottom Depth:	7.6	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07194 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		

32	1 of 1	NE/230.4	96.4 / -8.98	4835 Bank St Ottawa ON	WWIS

Well ID:	7344680	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/22/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z286383	**Contractor:**	7543
Tag:	A247971	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
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/734\7344680.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/24/2019
Year Completed:	2019
Depth (m):	6.0450984

Latitude:	45.3100340723354
Longitude:	-75.587403261625
X:	-75.58740310040166
Y:	45.310034064756806
Path:	734\7344680.pdf

Bore Hole Information

Bore Hole ID:	1007687245	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	453954.00
Code OB Desc:		***North83:***	5017560.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	09/24/2019	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008085971
Layer:	1
Color:	2
General Color:	GREY
Material 1:	34
Material 1 Desc:	TILL
Material 2:	01
Material 2 Desc:	FILL
Material 3:	28
Material 3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	19.83300018310547
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087409
Layer:	2
Plug From:	8.5
Plug To:	19.83300018310547
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008087408
Layer:	1
Plug From:	0.0
Plug To:	8.5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 1008089004
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008084823
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008089344
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 9.833000183105469
Casing Diameter: 2.066999912261963
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1008089987
Layer: 1
Slot: 1
Screen Top Depth: 9.833000183105469
Screen End Depth: 19.83300018310547
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.375

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008090681
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1008090128
Layer: 1
Kind Code: 8

Kind: Untested
Water Found Depth: 11.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008088023
Diameter: 8.0
Depth From: 0.0
Depth To: 19.83300018310547
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 2	NE/244.9	95.6 / -9.79	Heart and Stroke Foundation Hindu Temple 4835 Bank Street, Gloucester Ottawa ON K1X 1G6	GEN

Generator Info

Generator No: ON3001940
Approval Years: 2016
Status:
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description: 621494

Choice of Contact: CO_OFFICIAL
Contaminated Fac: No
MHSW Facility: No
SIC Code: 621494

Waste Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	2 of 2	NE/244.9	95.6 / -9.79	4835 Bank Street Ottawa ON	EHS

Order No: 20170417001
Status: C
Report Type: Standard Select Report
Report Date: 21-APR-17
Date Received: 17-APR-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.586149
Y: 45.310423

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 4	ENE/245.3	103.0 / -2.46	HUME TRADING CO LTD 4863 BANK ST GLOUCESTER ON	PRT

Location ID: 5273
Type: retail
Expiry Date: 1994-10-31
Capacity (L): 2000
Licence #: 0033978001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	2 of 4	ENE/245.3	103.0 / -2.46	Hume Trading Company Limited 4863 Bank St	CA

Ottawa ON

Certificate #:	5286-7RYKCW
Application Year:	2009
Issue Date:	6/4/2009
Approval Type:	Waste Management Systems
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	3 of 4	ENE/245.3	103.0 / -2.46	HUME TRADING CO LTD 4863 BANK ST OTTAWA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	11541316	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	89164	**Facility Location:**	
Instance Type:	FS Propane Tank	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Propane Tank		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	4 of 4	ENE/245.3	103.0 / -2.46	Hume Trading Company Limited 4863 Bank St Ottawa ON K1X 1G6	ECA

Approval No:	5286-7RYKCW	**MOE District:**	Ottawa
Approval Date:	2009-06-04	**City:**	
Status:	Approved	**Longitude:**	-75.58453
Record Type:	ECA	**Latitude:**	45.306442

Link Source:	IDS	***Geometry X:***	
SWP Area Name:	South Nation	***Geometry Y:***	
Approval Type:	ECA-WASTE MANAGEMENT SYSTEMS		
Project Type:	WASTE MANAGEMENT SYSTEMS		
Business Name:	Hume Trading Company Limited		
Address:	4863 Bank St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6501-7RKK5A-14.pdf		
PDF Site Location:			

Unplottable Summary

Total: 34 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CITY	BANK ST.	GLOUCESTER CITY ON	
CA		Lots 23 & 24, Concession 4, Rideau Front	Gloucester ON	
CA	OSSORY CANADA INC.	PRIVATE BLDG. BANK ST.	OTTAWA CITY ON	
CA	MINISTRY OF TRANSPORTATION	HIGHWAY #31, LAT. CATCHBASINS	OTTAWA CITY ON	
CA	THE DOUGLAS MACDONALD DEV. CORP.	COMMERCIAL PLAZA BANK STREET	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.-PLAZA	EASEMENT-BANK STREET	OTTAWA CITY ON	
CA	MACDONALD DEVELOPMENT CORP.	BANK ST.	OTTAWA CITY ON	
CONV	Taggart Construction Limited	Bank Street	South Ottawa ON	
DTNK	W O STINSON & SON LTD*	HWY 31	OTTAWA ON	
DTNK	UPI ENERGY LP*	HWY 31	OTTAWA ON	
ECA	City of Ottawa	Bank St	Ottawa ON	K2H 5E3
EHS		Bank St	Ottawa ON	
EHS		Bank St	Ottawa ON	
GEN	Hydro Ottawa Ltd.	Bank St	Ottawa ON	
LIMO		Lot 22 Concession 5 Ottawa	ON	
PRT	NAZIMA MEDEWAR	HWY 31	OTTAWA ON	
PTTW	Aecon Construction and Materials Limited	Lots 23, 24, and 25, Concession 5 Ottawa	ON	

PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4 Ottawa	ON	
PTTW	Lafarge Paving and Construction (Eastern) Limited	Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa	ON	
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4, Ottawa Ottawa	ON	
RST	DRUMMOND'S GAS	HIGHWAY 31	GLOUCESTER ON	K1B3B8
RST	CAPITAL CITY GAS	HIGHWAY 31	GLOUCESTER ON	K1G3N4
RST	CAPITAL CITY GAS	HIGHWAY 31	GLOUCESTER ON	K1G 3N4
RST	DRUMMOND'S GAS	HIGHWAY 31	GLOUCESTER ON	K1B 3B8
SPL	PIONEER PETROLEUMS LTD.	BANK STREET SOUTH PIONEER GAS STATION. SERVICE STATION	OTTAWA CITY ON	
SPL	QUEENSWAY TANK LINES	CANADIAN TIRE GAS BAR BANK STREET TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	OC TRANSPO	BANK ST. SOUTH MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	ESSO PETROLEUM CANADA	BANK STREET SERVICE STATION	OTTAWA CITY ON	
SPL	ONTARIO HYDRO	BANK ST TRANSFORMER	GLOUCESTER CITY ON	
WWIS		lot 22 con 4	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		con 4	ON	
WWIS		lot 23	ON	

Unplottable Report

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

Database: ***CA***

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

Site:
Lots 23 & 24, Concession 4, Rideau Front Gloucester ON

Database: ***CA***

Certificate #:	3-0642-99-006
Application Year:	00
Issue Date:	12/6/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	Notice
Client Name:	Rideau Carleton Raceway Holdings Limited
Client Address:	Box 904, R.R. #5
Client City:	Gloucester
Client Postal Code:	K1G 3N3
Project Description:	This application is for approval to allow an existing interim holding tank system to continue to be used until June 1, 2002. The approved forcemain can not be constructed until there is an amendment to the Regional Official Plan which has not been amended to date.
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

Site: ***MINISTRY OF TRANSPORTATION***
HIGHWAY #31, LAT. CATCHBASINS OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1342-93-
Application Year:	93
Issue Date:	12/31/1993
Approval Type:	Municipal sewage
Status:	Preliminary approval
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

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

Emission Control:

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

Database: ***CONV***

File No: 010503
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: On December 3, 2009, Taggart Construction Limited pleaded guilty to one violation under the Ontario Water Resources Act for failing to comply with a Provincial Officer Order to submit weekly water taking records showing daily water taking volumes. The company was contracted to install municipal services for the Findlay Creek Subdivision located on Bank Street in South Ottawa. A ministry inspection of the construction site in the fall of 2007 revealed concerns with water taking activities and a Provincial Officer Order was issued. One of the requirements of the Order, related to keeping accurate water taking records and submitting them to the ministry, was not complied with. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch and was fined $5,000 plus victim fine surcharge. The company was given 30 days to pay the fine.
Background:
URL:

Location:
Region:
Ministry District:

Additional Details

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

Site: ***W O STINSON & SON LTD****
HWY 31 OTTAWA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10449391
Status: EXPIRED
Instance ID: 18397
Instance Type: FS Highway Tank - Gas/Diesel
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:

Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS HIGHWAY TANK - GASOLINE/DIESEL		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: ***UPI ENERGY LP****
HWY 31 OTTAWA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	10454099	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	18935	***Facility Location:***	
Instance Type:	FS Highway Tank - Gas/Diesel	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS HIGHWAY TANK - GASOLINE/DIESEL		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: ***City of Ottawa***
Bank St Ottawa ON K2H 5E3

Database: ***ECA***

Approval No:	0699-D49N2H	***MOE District:***	Ottawa
Approval Date:	April 18, 2024	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	-8415176.869
SWP Area Name:	South Nation	***Geometry Y:***	5672372.244
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	Bank St		
Full Address:			

Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2206-D3QL9H-14.pdf
PDF Site Location:	Bank Street City of Ottawa, Ontario

Site:
Bank St Ottawa ON

Database: ***EHS***

Order No:	20060427021	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/5/2006	***Search Radius (km):***	0.25
Date Received:	4/26/2006	***X:***	-75.670288
Previous Site Name:		***Y:***	45.364953
Lot/Building Size:			
Additional Info Ordered:			

Site:
Bank St Ottawa ON

Database: ***EHS***

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

Site: ***Hydro Ottawa Ltd.***
Bank St Ottawa ON

Database: ***GEN***

Generator Info

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

Site:
Lot 22 Concession 5 Ottawa ON

Database: ***LIMO***

ECA/Instrument No:	X9020	***Natural Attenuation:***	
Operation Status:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***Region:***	
Source File Type:	Historic and Closed Landfills	***District Office:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	

Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:			
Site Location Details:	Lot 22 Concession 5 Ottawa		
Service Area:			
Page URL:			

Site: ***NAZIMA MEDEWAR***
HWY 31 OTTAWA ON

Database: ***PRT***

Location ID:	11082
Type:	retail
Expiry Date:	1996-03-31
Capacity (L):	36368
Licence #:	0016234001

Site: ***Aecon Construction and Materials Limited***
Lots 23, 24, and 25, Concession 5 Ottawa ON

Database: ***PTTW***

EBR Registry No:	IA04E1459	***Decision Posted:***	
Ministry Ref No:	ER-6314-65QJFD	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	May 09, 2005	***Act 2:***	
Proposal Date:	October 14, 2004	***Site Location Map:***	
Year:	2004		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Aecon Construction and Materials Limited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	4949 Bank Street, Ottawa Ontario, K1X1G7		
Comment Period:			
URL:			
Summary:			

Site Location Details:

Lots 23, 24, and 25, Concession 5 Ottawa

Site: ***Courtyard Developments Incorporated***
Lot 23, Concession 4 Ottawa ON

Database: ***PTTW***

EBR Registry No:	IA04E1672	***Decision Posted:***	
Ministry Ref No:	ER-6311-677S8H	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April 01, 2005	***Act 2:***	
Proposal Date:	November 30, 2004	***Site Location Map:***	
Year:	2004		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		

Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:
Summary:

Site Location Details:

Lot 23, Concession 4 Ottawa

Site: ***Lafarge Paving and Construction (Eastern) Limited***
Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa ON

Database: ***PTTW***

EBR Registry No: IA06E0381
Ministry Ref No: 2633-6NDMGY
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 16, 2006
Proposal Date: April 19, 2006
Year: 2006
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Lafarge Paving and Construction (Eastern) Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 7880 Keele Street, Concord Ontario, L4K 4G7
Comment Period:
URL:
Summary:

Site Location Details:

Lot 22 & 23 , Concession V Ottawa Ontario K2R 1H3 Ottawa

Site: ***Courtyard Developments Incorporated***
Lot 23, Concession 4, Ottawa Ottawa ON

Database: ***PTTW***

EBR Registry No: IA05E0429
Ministry Ref No: ER-1113-6AYSQL
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 22, 2005
Proposal Date: April 05, 2005
Year: 2005
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:
Summary:

Site Location Details:

Site: ***DRUMMOND'S GAS***
HIGHWAY 31 GLOUCESTER ON K1B3B8

Database: ***RST***

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6138221391
List Name:
Description:

Site: ***CAPITAL CITY GAS***
HIGHWAY 31 GLOUCESTER ON K1G3N4

Database: ***RST***

Headcode: 01186800
Headcode Desc: SERVICE STATIONS GASOLINE OIL & NATURAL
Phone: 6138221324
List Name:
Description:

Site: ***CAPITAL CITY GAS***
HIGHWAY 31 GLOUCESTER ON K1G 3N4

Database: ***RST***

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

Site: ***DRUMMOND'S GAS***
HIGHWAY 31 GLOUCESTER ON K1B 3B8

Database: ***RST***

Headcode: 01186800
Headcode Desc: SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS
Phone:
List Name:
Description:

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

Database: ***SPL***

Ref No: 137358
Year:
Incident Dt: 2/20/1997
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/20/1997
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:

Municipality No: 20101
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: CONTAINER OVERFLOW
Incident Preceding Spill:
Incident Reason: ERROR
Incident Summary: PIONEER PETROLEUMS-4L GASOLINE TO GROUND,UNSAFESPILL RESPONSE BY STAFF.
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***QUEENSWAY TANK LINES***
CANADIAN TIRE GAS BAR BANK STREET TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No: 41622
Year:
Incident Dt: 10/2/1990
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/2/1990
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: CONTAINER OVERFLOW
Incident Preceding Spill:
Incident Reason: ERROR
Incident Summary: QUEENSWAY TANK LINES: 4 LGASOLINE SPILLED AT GAS BAR
Environment Impact: NOT ANTICIPATED

Municipality No: 20101
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved: MCCR

Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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

Database: ***SPL***

Ref No:	223917	***Municipality No:***	20107
Year:		***Nature of Damage:***	
Incident Dt:	4/11/2002	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/11/2002	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: PIPE/HOSE LEAK
Incident Preceding Spill:
Incident Reason: UNKNOWN
Incident Summary: SPILL OF DIESEL FUEL TO GRND, CLEAN UP CREW ON THE WAY
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:

Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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

Database: ***SPL***

Ref No:	147934	***Municipality No:***	20101
Year:		***Nature of Damage:***	
Incident Dt:	10/16/1997	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	10/16/1997	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: PIPE/HOSE LEAK
Incident Preceding Spill:
Incident Reason: DAMAGE BY MOVING EQUIPMENT
Incident Summary: ESSO SERVICE STATION: 40 L GASOLINE TO GROUND
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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

Database: ***SPL***

Ref No:	19785	***Municipality No:***	20105
Year:		***Nature of Damage:***	

Incident Dt:	7/9/1988	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	7/11/1988	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	GLOUCESTER CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	COOLING SYSTEM LEAK		
Incident Preceding Spill:			
Incident Reason:	OTHER		
Incident Summary:	BACKENTRY - ONTARIO HYDROTRANSFORMER OIL (AMT U/K)ON GROUND		
Environment Impact:	NOT ANTICIPATED		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

Site:
lot 22 con 4 ON

Database:
WWIS

Well ID:	1533862	***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:***	07/16/2003
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	248351	***Contractor:***	1119
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	04
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:			

Bore Hole Information

Bore Hole ID:	10542977	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06/19/2003	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932924441
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932924442
Layer:	3
Color:	2
General Color:	GREY
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	48.0
Formation End Depth:	160.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932924440
Layer:	1
Color:	

General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240762
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533862
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11091547
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097754
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: 930097755
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: 930097753
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

Pumping Test Method Desc:	PUMP
Pump Test ID:	991533862
Pump Set At:	
Static Level:	58.0
Final Level After Pumping:	150.0
Recommended Pump Depth:	150.0
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:	934914020
Test Type:	Recovery
Test Duration:	60
Test Level:	58.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934121343
Test Type:	Recovery
Test Duration:	15
Test Level:	58.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934396196
Test Type:	Recovery
Test Duration:	30
Test Level:	58.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656573
Test Type:	Recovery
Test Duration:	45
Test Level:	58.0
Test Level UOM:	ft

Water Details

Water ID:	934036673
Layer:	1
Kind Code:	5

Kind:	Not stated
Water Found Depth:	153.0
Water Found Depth UOM:	ft

Site:
lot 22 ON

Database: ***WWIS***

Well ID:	1527659	***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:***	02/25/1994
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	116662	***Contractor:***	1517
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
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:			

Bore Hole Information

Bore Hole ID:	10049286	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/27/1993	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931067346
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931067347
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	26
Material 2 Desc:	ROCK
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	24.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933112609
Layer:	1
Plug From:	0.0
Plug To:	23.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961527659
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10597856
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930086095
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	27.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991527659
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	50.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	

Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934111297
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934386113
Test Type:	Draw Down
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904231
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934655860
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933487180
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Site: ***Database:*** ***WWIS***

lot 22 ON

Well ID:	1521468	***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:***	07/06/1987
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	04608	***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043290
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/30/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931048157
Layer: 4
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048154
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048156
Layer: 3

Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 35.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048155
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048158
Layer: 5
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521468
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591860
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075597
Layer: 1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930075598
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991521468
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	60.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
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:	934651778
Test Type:	Draw Down
Test Duration:	45
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106534
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934390634
Test Type:	Draw Down
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934908869
Test Type:	Draw Down
Test Duration:	60
Test Level:	35.0
Test Level UOM:	ft

Water Details

Water ID:	933479044
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	122.0
Water Found Depth UOM:	ft

Site:
con 4 ON

Database:
WWIS

Well ID:	1517523	***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:***	03/20/1981
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	04
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:			

Bore Hole Information

Bore Hole ID:	10039395	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	02/24/1981	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931035450
Layer:	2
Color:	3

General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	77
Material 2 Desc:	LOOSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	175.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035449
Layer:	1
Color:	7
General Color:	RED
Material 1:	28
Material 1 Desc:	SAND
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035451
Layer:	3
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	175.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961517523
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

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

Construction Record - Casing

Casing ID:	930068902
Layer:	2
Material:	4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	185.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930068901
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	184.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991517523
Pump Set At:	
Static Level:	40.0
Final Level After Pumping:	105.0
Recommended Pump Depth:	120.0
Pumping Rate:	7.0
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:	2
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934102054
Test Type:	Draw Down
Test Duration:	15
Test Level:	105.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384288
Test Type:	Draw Down
Test Duration:	30
Test Level:	105.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645364
Test Type:	Draw Down
Test Duration:	45
Test Level:	105.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895056
Test Type:	Draw Down
Test Duration:	60
Test Level:	105.0
Test Level UOM:	ft

Water Details

Water ID:	933474010
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	184.0
Water Found Depth UOM:	ft

Site:
lot 23 ON

Database: ***WWIS***

Well ID:	1520631	***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:***	08/12/1986
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	NA	***Contractor:***	3644
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	023
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:			

Bore Hole Information

Bore Hole ID:	10042473	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/05/1986	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931045364
Layer:	1
Color:	2
General Color:	GREY

Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045365
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045366
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520631
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074135
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930074136
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991520631
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	30.0
Pumping Rate:	20.0
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:	934907164
Test Type:	
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934112517
Test Type:	
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648403
Test Type:	
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934387380
Test Type:	
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933477931
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933477930
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40.0
Water Found Depth UOM:	ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2024

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-Apr 2024

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-Apr 30, 2025

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 2023

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: Oct 2023

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-Apr 30, 2025

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 2025

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-Apr 2025

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Jun 30, 2025

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2024

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: Oct 2023

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 - May 31, 2025

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, 2025

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 - May 31, 2025

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Aug 31, 2024

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: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment, Conservation and Parks (MECP). 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, 2024

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: Oct 2023

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Jan 2025

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: Oct 31, 2021

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: Oct 2023

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. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). 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-Dec 31, 2024

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-Apr 2024

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: 31 Oct, 2023

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 31, 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 2025

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 Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

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-Nov 2023

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-May 31, 2025

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 NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2025

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024

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 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, 2025

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 - May 31, 2025

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-Nov 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Feb 2024

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

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Jun 30, 2025

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, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2025

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-Apr 30, 2025

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 by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug; Oct-Apr 2025

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2024

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 - May 31, 2025

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: Dec 31 2023

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

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PATERSON GROUP

solution oriented engineering

Mark S. D'Arcy, P.Eng., QP$_{ESA}$
Director – Environmental Division

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

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 33

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, Phase III 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)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

PROFESSIONAL EXPERIENCE

2001 to present, Manager of Environmental Division, Paterson Group Inc., 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 Inc., 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.