Geotechnical Engineering

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Materials Testing

Building Science

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Phase I - Environmental Site Assessment

2026 Carp Road
Ottawa, Ontario

Prepared For

2244434 Ontario Inc.

June 20, 2022

Report: PE5741-1

Paterson Group Inc.

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Assessment

Paterson Group was retained by 2244434 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 2026 Carp Road in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical information reviewed, the Phase I Property was first developed for residential purposes circa 1960 and has remained as such since then. No PCAs were identified with respect to the historical use of the Phase I Property.

The neighbouring lands in the vicinity of the Phase I Property have historically been primarily developed for residential purposes with some commercial businesses along Carp Road. One former automotive service garage was identified on the property addressed 2021 Carp Road. The property addressed 1016 Carp Road was previously occupied by a retail fuel outlet. Based on their separation distances and cross gradient orientation with respect to the Phase I Property, the former automotive service garage and retail fuel outlet are not considered to result in an area of potential environmental concern (APEC) on the Phase I Property.

Following the historical review, a site inspection was conducted. The Phase I Property is currently occupied by a single-storey residential dwelling with a unfinished basement. No PCAs were identified with respect to the current use of the Phase I Property.

The surrounding lands within the vicinity of the Phase I Property consist mainly of residential properties, with some commercial businesses including two contractor yards with private fuel outlets located on the properties addressed 1017B Carp Road and 1016 Carp Road. Based on their separation distance and cross gradient orientation with respect to the Phase I Property, the contractor yards are not considered to represent APECs on the Phase I Property.

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

Recommendations

Based on the age of the residential dwelling (circa 1960), asbestos containing materials (ACMs) may be present within the structure. Potential ACMs identified include drywall joint compound, vinyl floor tile and stipple plaster. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act

If the building is demolished, then above survey should be completed in conjunction with a DSS.

1.0 INTRODUCTION

At the request of 2244434 Ontario Inc., Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) for 2026 Carp Road, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject property and study area as well as to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I – ESA by Mr. Neil Chada of 417 Auto Sales. Mr. Chada can be contacted via his mailing address at 2822 Carp Road, Ottawa, Ontario, K0A 1L0.

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

This Phase I ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04, as amended, under the Environmental Protection Act, and CSA Z768-01 (reaffirmed 2016). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information, as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies, and was limited within the scope-of-work, time, and budget of the project herein.

2.0 SUBJECT PROPERTY INFORMATION

Address:	2026 Carp Road, Ottawa, Ontario.
Legal Description:	Part of Lot 1, Concession 2; Huntley Township, in the City of Ottawa. PIN: 04487-0301
Location:	The Phase I Property is located on the north side of Carp Road, approximately 156m west of the Carp Road and Rothbourne Road intersection in the City of Ottawa, Ontario.
Latitude and Longitude:	45° 16' 25.93" N, 75° 56’ 50.5" W
Site Description:	
Configuration:	Rectangular
Site Area:	0.18 ha (approximate)
Zoning:	RC – Rural Commercial Zone
Current Use:	The Phase I Property is occupied by a single storey residential dwelling.
Services:	The Phase I Property is serviced through a combination of municipal services and a private septic system.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties located outside the 250 m radius are not considered to have impacted the Phase I Property, based on their significant distance from the site.

First Developed Use Determination

Based on a review of historical information the Phase I Property was initially developed for residential purposes prior to 1963 and has remained as such since then.

City of Ottawa Street Directories

As part of this assessment, the City of Ottawa street directories for the general area of the Phase I Property were reviewed in approximate ten-year intervals, from 1979 to 2010.

During the time period reviewed, the Phase I Property has solely been listed for residential purposes and the surrounding lands have been listed primarily for residential and commercial purposes.

The property addressed 2060 Carp Road (190m NW) was listed under Moore's Truck Service from 2001 until 2011 and the property addressed 2070 Carp Road (230m NW) was listed as MacEwen Petroleum Inc. in 2011. Both of the above-mentioned properties remain in operation as an automotive service garage (2060 Carp Road) and gasoline service station (2070 Carp Road). The automotive service garage and gasoline service station are considered to represent potentially contaminating activities (PCAs) however, based on their separation distances and cross gradient orientation with respect to the Phase I Property, they are not considered to represent areas of potential environmental concern (APECs) on the Phase I Property.

Fire Insurance Plans (FIPs)

Fire insurance plans (FIPs) are not available for the Phase I Property or surrounding area.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the provincial Pollutant Release Inventory (NPRI) was conducted electronically as part of this assessment. No records of pollutant releases were listed in the database for the subject site or for any properties located within the Phase I Study Area.

PCB Waste Storage Site Inventory

A search of the provincial PCB waste storage site inventory was conducted as part of this assessment. No current or former PCB waste storage sites were identified within the Phase I study area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Waste Disposal Site Inventory

The Ontario Ministry of Environment and Climate Change document titled "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. No active or closed waste disposal sites were documented in the Phase I study area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the subject 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.

MECP Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the subject property. At the time of issuing this report, a response from the MECP had not been received.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the subject or neighbouring properties. At the time of issuing this report, a response from the MECP had not been received.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the subject property. At the time of issuing this report, a response from the MECP had not been received.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. No Records of Site Condition (RSCs) were identified in the database as having been filed for the Phase I Property or any properties within the study area.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the subject property. At the time of issuing this report, a response from the MECP had not been received.

Areas of Natural Significance

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

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically on May 10, 2022, to inquire about current and former underground fuel storage tanks, spills, and historical incidents for the Phase I Property and neighbouring properties. No records were documented in the response provided by the TSSA.

A copy of the correspondence with the TSSA is included in Appendix 2.

City of Ottawa Historical Land Use Inventory

A search of the City of Ottawa's Historical Land Use Inventory (HLUI) database was conducted as part of this assessment. No additional PCAs were identified through a review of the HLUI response dated June 15, 2022. A copy of the HLUI request form is provided in Appendix 2.

City of Ottawa Old Landfill Sites

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

Environmental Risk Information Service (ERIS) Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated May 16, 2021, was acquired, and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

- *On-Site Records:*

No records were documented for the Phase I Property in the ERIS Database Report.

- *Off-Site Records:*

The ERIS report identified 70 records pertaining to properties located within a 250 m radius of the Phase I - Property.

The majority of the documented records are associated with borehole and water well information system records.

Twelve O. Reg. 347 Waste Generator Summary records were documented for properties within the study area. The majority of the records are associated with an automotive service garage and private fuel outlet located at the property addressed 2060 Carp Road (190m NW). The documented waste classes include waste oils and lubricants and oil skimmings and sludges. Two additional waste generator records were associated with a contractor addressed 1017B Carp Road (222m SE). The records are associated with waste crank case oils and lubricants and waste oils/sludges.

As previously discussed, the automotive service garage addressed 2060 Carp Road is considered to represent a PCA that does not result in an APEC on the Phase I Property. The waste generator records associated with the contractor's yard on the property addressed 1017B are also considered to represent a PCA. Based on its separation distance and cross gradient orientation with respect to the Phase I Property, the contractor's yard is not considered to result in an APEC on the Phase I Property.

One private and retail fuel storage tanks (PRT) record was documented for the property addressed 1000 Carp Road (now 1016 Carp Road). The record is associated with a former retail fuel outlet located on the property from 1990 to circa 1996. Based on its separation distance (212m SE) and its cross-gradient orientation with respect to the Phase I Property, the former retail fuel outlet is considered to result in a PCA that does not result in an APEC on the Phase I Property.

The remaining off-site records identified are listed for properties which are situated at a significant distance away or are situated in an inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow.

As a result, these remaining off-site properties are not considered to pose a potential environmental concern to the Phase I Property.

4.3 Physical Setting Sources

Aerial Photographs

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

1945 The Phase I and neighbouring properties appear to consist of agricultural fields. Carp Road can be seen in its current configuration immediately west of the Phase I Property. The property further northwest across Carp Road, appears to be used as an aggregate pit and quarry.

1963 The Phase I Property has been developed with the existing residential dwelling which occupies the southeastern portion of the property.

The properties to the north and south of the Phase I Property have also been developed with residential dwellings, fronting onto Carp Road. The property further northwest across Carp Road, appears to be used as an aggregate pit and quarry.

1970 No significant changes have been made to the Phase I Property or neighbouring properties since the previous photograph.

1984 No significant changes have been made to the Phase I Property since the previous photograph. Lloydallex Crescent can now be seen in its current configuration immediately east of the Phase I Property. The properties to the west of the Phase I Property, across Carp Road, have been developed with residential dwellings. Increased residential development has also occurred to the east of the Phase I Property, along Lloydalex Crescent.

1999	No significant changes have been made to the Phase I Property since the previous photograph. Increased residential development has occurred along Carp Road to the south of the Phase I Property.
2009	No significant changes have been made to the Phase I Property since the previous photograph. The properties further east of the Phase I Property have been developed with a large subdivision.
2017	No significant changes have been made to the Phase I Property since the previous photograph. The properties further south of the Phase I Property have been developed with a large residential subdivision.
2019	No significant changes have been made to the Phase I Property or surrounding lands since the previous photograph.

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

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the Phase I - Property is approximately 120 m above sea level.

The regional topography in the general area of the subject property slopes down towards the north/northeast, in the general direction of an unnamed creek. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping, the subject property is situated within the St. Lawrence Lowlands. According to the description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.”

The subject property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Geological Maps

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

Based on the information from NRCAN, bedrock in the area of the site consists of interbedded limestone of the Bobcaygeon Formation. Based on the maps, the surficial geology consists of glacial till with an overburden thickness ranging from 5 to 15 m.

MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250 m radius of the Phase I - Property was conducted as part of this assessment.

The search identified 13 well records within the Phase I study area pertaining to domestic wells installed between 1955 and 1982. Based on the availability of municipal services, no drinking water wells are expected to be currently in use within the Phase I study area.

According to these well records, the overburden stratigraphy in the area of the Phase I Property generally consists of glacial till and silty clay. Bedrock, consisting of limestone was generally encountered at depths ranging from 11 to 18m below ground surface. The water table was encountered at depths ranging from 5 to 12m.

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

Water Bodies and Areas of Natural Significance

The nearest named water body with respect to the Phase I Property is the Carp River, located approximately 500m east of the Phase I Property. No areas of natural significance were identified within the Phase I study area.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site inspection was conducted on May 13, 2022, by personnel from our environmental division. 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.

5.2 Personal Interviews

Mr. Neil Chada, the current property owner, was interviewed at the time of the site visit.

Mr. Chada purchased the property last year and informed Paterson that the dwelling was heated via propane at that time. The property was recently converted to a natural gas fired furnace and Mr. Chada informed Paterson that there was no sign of a fuel oil storage tank at the time of his purchase. Paterson was also informed that the residential dwelling was constructed circa 1960. Mr. Chada was unaware of any environmental concerns on the Phase I Property or in the immediate vicinity.

5.3 Specific Observations at the Phase I Property

Site Features

The Phase I - Property consists of a single storey residential dwelling situated in the southeastern portion of the property and a gravel laneway located immediately south of the dwelling. The Phase I Property and regional topography slope gradually down towards the north/northeast, in the direction of the Carp River.

Water drainage on the Phase I Property consists primarily of infiltration in the vegetated areas and surficial flow to manholes located along Carp Road. No ponded water was observed on the Phase I Property.

No signs of staining or indications of potential sub-surface contamination were observed at the time of the site visit.

A depiction of the Phase I Property is presented on Drawing PE5741-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

The one storey residential dwelling is located in the south western portion of the Phase I Property fronting onto Carp Road. The northern portion and eastern portions of the property are occupied by vegetated grass areas with some centrally located trees. The propane tank used to heat the residential dwelling is located on the south side of the residence.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  One above ground storage tank (AST) was observed on the south side of the residential dwelling and is used to store propane. No signs of underground storage tanks (USTs) were observed on the exterior of the subject property at the time of the site visit.

  The presence of the propane AST is not considered to represent an environmental concern to the Phase I Property

- **Hazardous Materials and Unidentified Substances**

  No hazardous materials, unidentified substances, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the Phase I - Property at the time of the site inspection.

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

  No concerns with respect to PCBs were identified at the time of the site visit.

- **Waste Management**

  Waste materials observed on the Phase I Property at the time of the site inspection were noted to be limited to solid, non-hazardous domestic waste products and recyclables.

  All waste products were noted to be stored in bins on the exterior of the subject building and collected by the municipality on a regular basis.

  No concerns were identified with respect to waste management practices on the Phase I Property.

- **Fill Material**

  No fill material is being stored on the Phase I Property.

Interior Assessment

A general description of the interior of the single storey residential dwelling is as follows:

- The floors consist of ceramic tile, hardwood, vinyl tile and concrete.

- ❑ The walls consist of drywall.
- ❑ The ceilings consist of stipple plaster and drywall.
- ❑ Lighting throughout the building consists of incandescent and fixtures.

Potentially Hazardous Building Materials

- ❑ **Asbestos-Containing Materials (ACMs)**

  Based on the age of the residential dwelling (circa 1965), asbestos containing materials may be potentially present within the original construction materials. Potential ACMs observed on-site include the drywall joint compound, vinyl tile and stipple plaster. The potential ACMs were observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

- ❑ **Lead-Based Paint**

  Based on the age of the residential dwelling, lead-based paints may be present on any original or older painted surfaces. Painted surfaces were generally observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

- ❑ **Polychlorinated Biphenyls (PCBs)**

  No concerns with respect to PCBs were identified at the time of the site inspection.

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

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

Other Potential Environmental Concerns

- ❑ **Fuels and Chemical Storage**

  No aboveground fuel storage tanks or signs of underground fuel storage tanks were observed within the residential dwelling at the time of the site inspection.

Chemical products identified in the subject building were observed to be predominantly limited to domestically available cleaning products, stored properly in their original containers.

❑ **Wastewater Discharges**

No sump pits or floor drains were observed inside the residential dwelling at the time of the site inspection.

Wastewater from the residential dwelling (wash water and sewage) is discharged into a private septic system located in the backyard. Roof drainage is discharged via surface run-off towards catch basins located on the adjacent streets, which drain into the City of Ottawa storm water sewer system. No concerns were identified with respect to wastewater discharge on the Phase I Property.

❑ **Ozone Depleting Substances (ODSs)**

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

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject property was observed to be as follows:

North: Residential dwellings followed by Mosquito Buzz West Pest Control;

South: Royal Star Realty followed by retail stores;

East: Residential dwellings followed by Lloydalex Crescent;

West: Carp Road followed by residential dwellings;

The property to the southwest across Carp Road had previously been occupied by an automotive service garage which has recently relocated to another location. The automotive service garage was in operation from approximately 2017 to 2020 and is considered to represent a PCA. Based on it having operated for a very limited time it is not considered to have had the potential to impact the Phase I Property.

Two fuel oil ASTs used in conjunction with private fuel outlets were observed on the properties addressed 1016 Carp Road (180m SE) and 1017/1027 Carp Road (180m SE). As previously discussed, the contracting activities and ASTs associated with these properties are considered to represent PCAs however, based on their separation distance and/or cross gradient orientation with respect to the Phase I Property, they are not considered to represent areas of potential environmental concern (APECs) on the Phase I Property. The neighbouring land use within the Phase I Study Area is illustrated on Drawing PE5741-2 – Surrounding Land Use Plan.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Land Use History

Based on aerial photos, personal interviews and observations made during the site visit, the Phase I Property was first developed for residential purposes circa 1960 and has remained as such since then.

Potentially Contaminating Activities (PCAs)

Based on the findings of the Phase I – ESA, there are five PCAs in the Phase I study area.

As previously discussed, based on their separation distance and cross gradient orientation with respect to the Phase I Property, the identified PCAs are not considered to result in APECs on the Phase I Property.

Areas of Potential Environmental Concern (APECs)

Based on the findings of the Phase I – ESA, there are no APECs on the Phase I Property.

Contaminants of Potential Concern (CPCs)

Based on the findings of the Phase I – ESA, there are no CPCs on the Phase I Property.

6.2 Conceptual Site Model

Geological and Hydrogeological Setting

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

Based on the information from NRCAN, bedrock in the area of the site consists of interbedded limestone of the Bobcaygeon Formation. Based on the maps, the surficial geology consists of glacial till with an overburden thickness ranging from 5 to 15m.

Existing Buildings and Structures

The Phase I Property is currently occupied by a single storey residential dwelling located in the southwestern portion of the property, fronting Carp Road.

Areas of Natural Significance

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

Water Bodies

The nearest named water body with respect to the Phase I Property is the Carp River, located approximately 500m east of the Phase I Property.

Water Wells

A search of the MECPs website for all drilled well records within a 250 m radius of the Phase I Property was conducted as part of this assessment.

The search identified 13 well records within the Phase I study area pertaining to domestic wells installed between 1955 and 1982.

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

According to these well records, the overburden stratigraphy in the area of the Phase I -Property generally consists of glacial till and silty clay. Bedrock, consisting of limestone was generally encountered at depths ranging from 11 to 18m below ground surface. The water table was encountered at depths ranging from 5 to 12m.

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

Neighbouring Land Use

The neighbouring lands within the Phase I study area consist of a combination of residential and commercial properties. Current land use is shown on Drawing PE5741-2 – Surrounding Land Use Plan, in the Figures section of this report.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I – ESA, there are five PCAs in the Phsae I study area. As previously discussed, based on their separation distance and cross gradient orientation with respect to the Phase I Property, the identified PCAs are not considered to represent APECs on the Phase I Property.

Contaminants of Potential Concern

Based on the findings of the Phase I – ESA, there are no CPCs on the Phase I Property.

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 that result in APECs on the subject property.

7.0 CONCLUSION

Assessment

Paterson Group was retained by 2244434 Ontario Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 2026 Carp Road in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical information reviewed, the Phase I Property was first developed for residential purposes circa 1960 and has remained as such since then. No PCAs were identified with respect to the historical use of the Phase I Property.

The neighbouring lands in the vicinity of the Phase I Property have historically been primarily developed for residential purposes with some commercial businesses along Carp Road. One former automotive service garage was identified on the property addressed 2021 Carp Road. The property addressed 1016 Carp Road was previously occupied by a retail fuel outlet. Based on their separation distances and cross gradient orientation with respect to the Phase I Property, the former automotive service garage and retail fuel outlet are not considered to result in an area of potential environmental concern (APEC) on the Phase I Property.

Following the historical review, a site inspection was conducted. The Phase I Property is currently occupied by a single-storey residential dwelling with a unfinished basement. No PCAs were identified with respect to the current use of the Phase I Property.

The surrounding lands within the vicinity of the Phase I Property consist mainly of residential properties, with some commercial businesses including two contractor yards with private fuel outlets located on the properties addressed 1017B Carp Road and 1016 Carp Road. Based on their separation distance and cross gradient orientation with respect to the Phase I Property, the contractor yards are not considered to represent APECs on the Phase I Property.

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

Recommendations

Based on the age of the residential dwelling (circa 1960), asbestos containing materials (ACMs) may be present within the structure. Potential ACMs identified include drywall joint compound, vinyl floor tile and stipple plaster. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act

If the building is demolished, then above survey should be completed in conjunction with a DSS.

8.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01 (reaffirmed 2016). 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 2244434 Ontario Inc. Permission and notification from 2244434 Ontario Inc., and Paterson Group will be required to release this report to any other party.

Paterson Group Inc.

Samuel R. Berube, EIT

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

Report Distribution:

- 2244434 Ontario Inc.
- Paterson Group Inc.

9.0 REFERENCES

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Environment Canada, National Pollutant Release Inventory.
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The City of Ottawa eMap website.
ERIS Report

Local Information Sources
Personal Interviews.
ERIS Database Report

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5741-1 – SITE PLAN

DRAWING PE5741-2 – SURROUNDING LAND USE PLAN

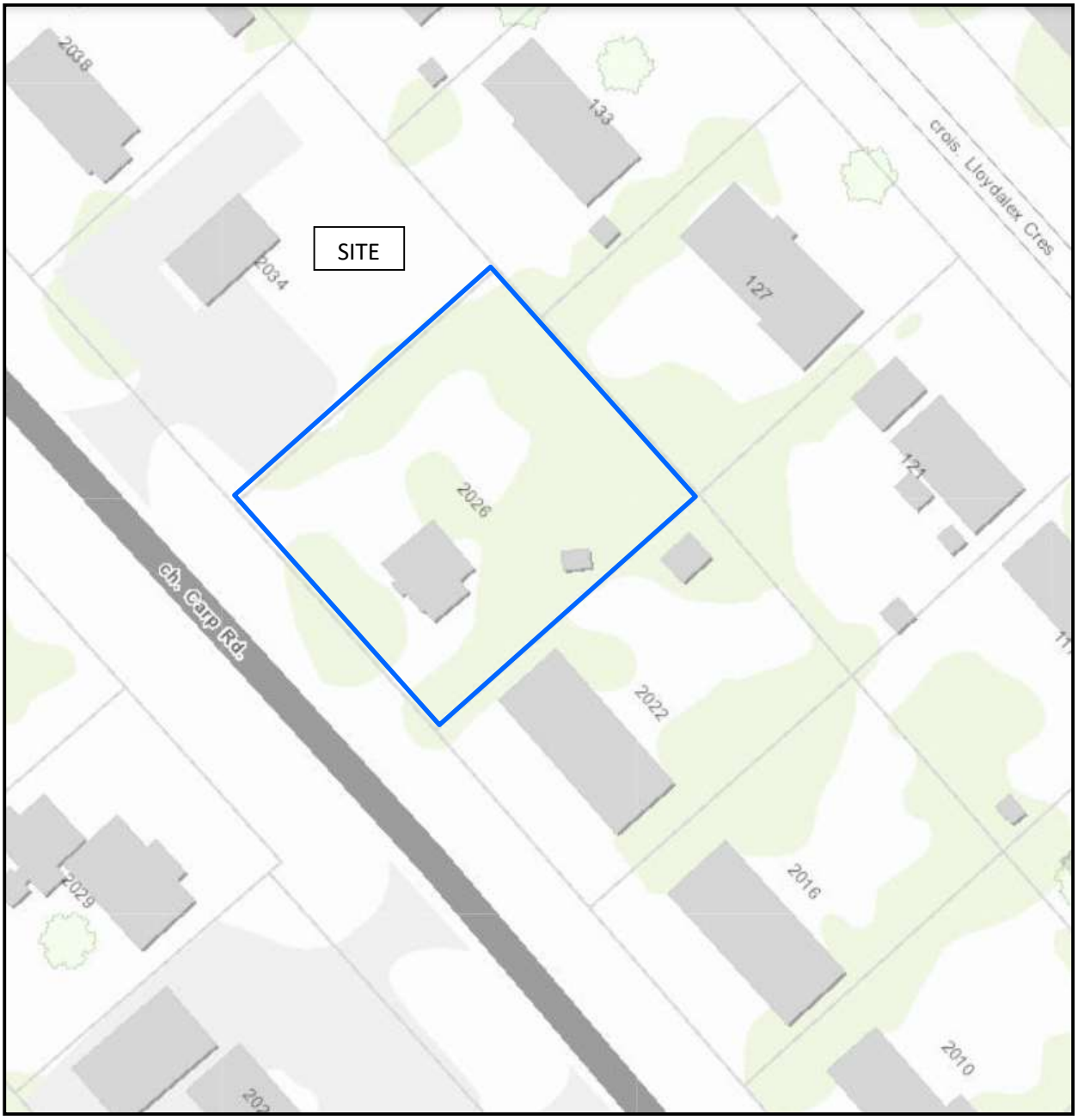


FIGURE 1

KEY PLAN

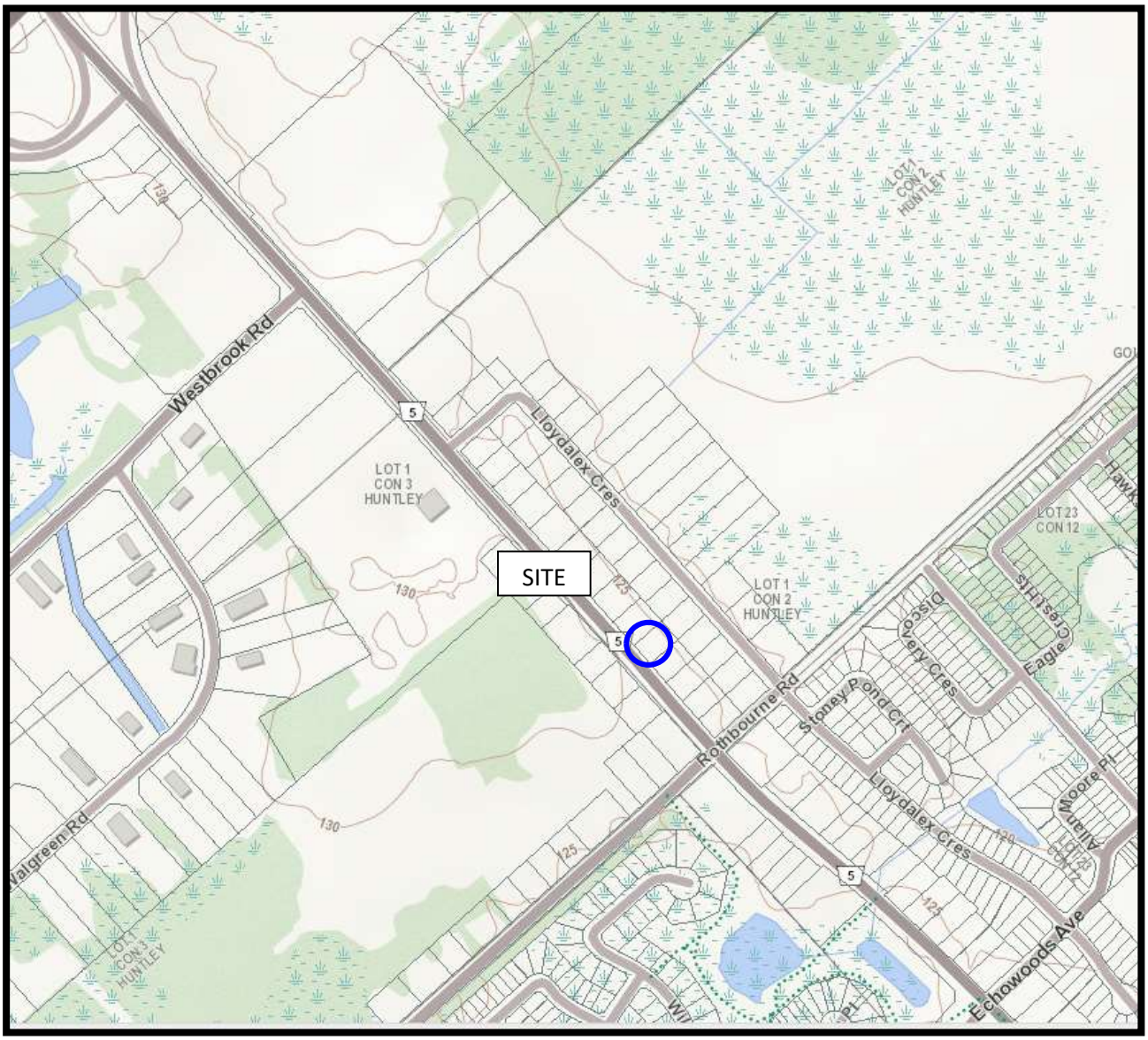
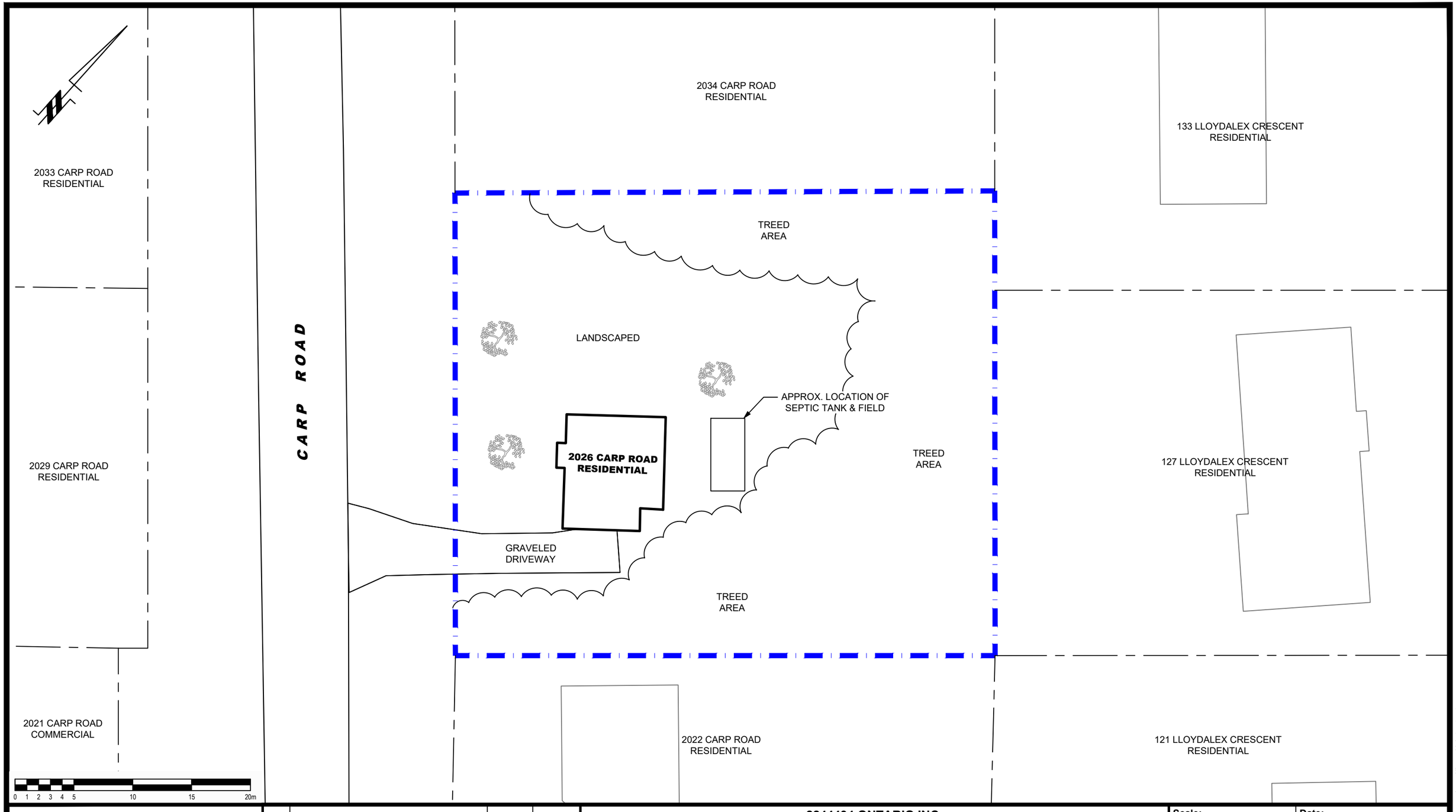


FIGURE 2

TOPOGRAPHIC MAP



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

2244434 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2026 CARP ROAD

OTTAWA, **ONTARIO**

Title:

SITE PLAN

Scale: 1:300	**Date:** 05/2022
Drawn by: JM	**Report No.:** PE5741-1
Checked by: SB	**Dwg. No.:** PE5741-1
Approved by: MSD	**Revision No.:**

p:\autocad drawings\environmental\pe57xx\pe5741\pe5741-1 site plan.dwg

11x17

POTENTIALLY CONTAMINATING ACTIVITIES:

ID	ADDRESS	DESCRIPTION
1	2021 CARP RD.	FORMER AUTOMOTIVE SERVICE GARAGE.
2	2060 CARP RD.	AUTOMOTIVE SERVICE GARAGE WITH PRIVATE FUEL OUTLET.
3	2070 CARP RD.	GASOLINE SERVICE STATION
4	1017B CARP RD.	CONTRACTOR YARD WITH TWO ABOVEGROUND STORAGE TANKS.
5	1016 CARP RD.	FORMER RETAIL FUEL OUTLET.

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

NO.	REVISIONS	DATE	INITIAL

2244434 ONTARIO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2026 CARP ROAD
OTTAWA, ONTARIO

Title:
SURROUNDING LAND USE PLAN

Scale: 1:2500	Date: 05/2022
Drawn by: JM	Report No.: PE5741-1
Checked by: SB	Dwg. No.: PE5741-2
Approved by: MSD	Revision No.:

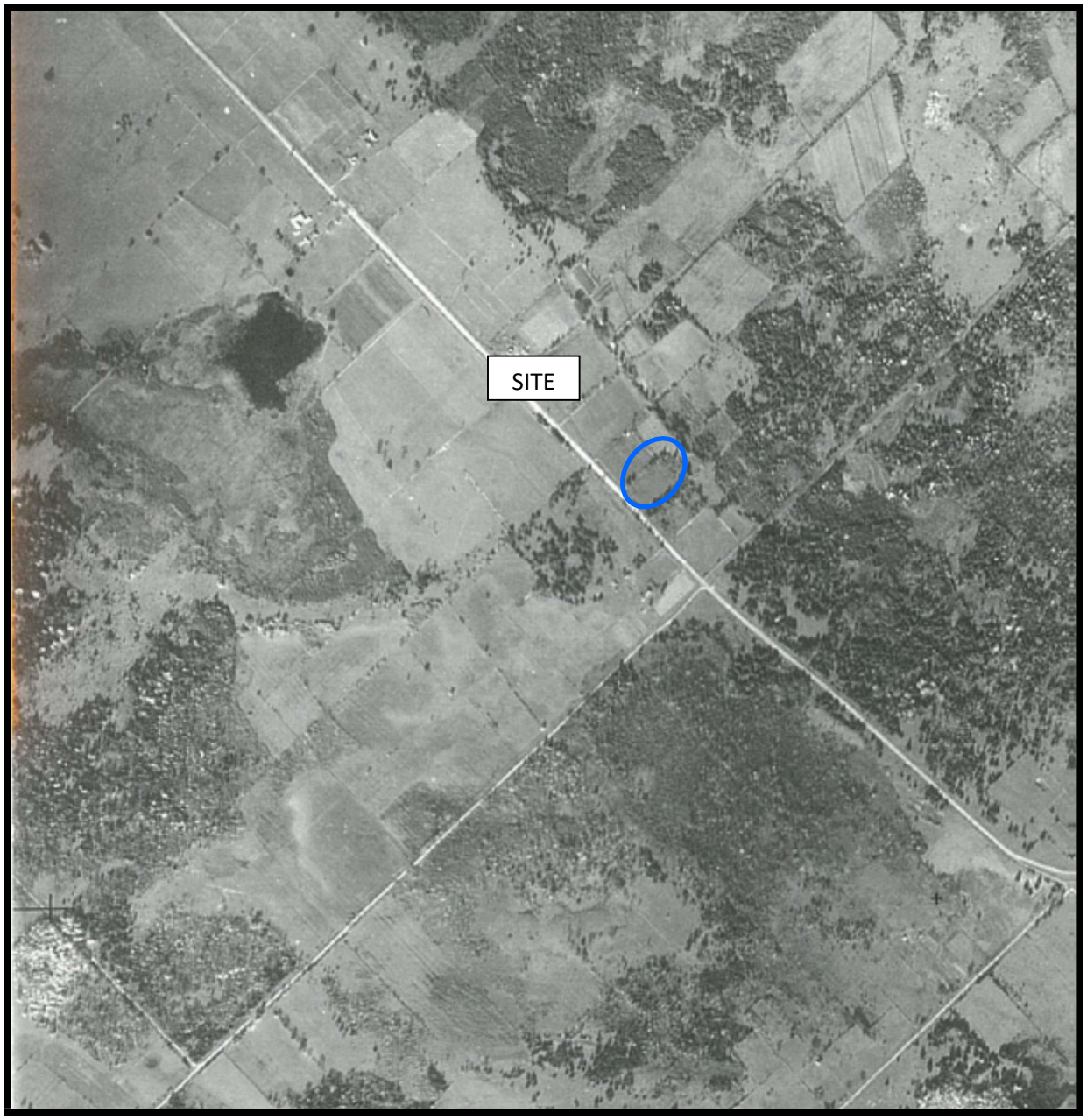
11x17

p:\autocad drawings\environmental\pe57xx\pe5741\pe5741-1 site plan.dwg

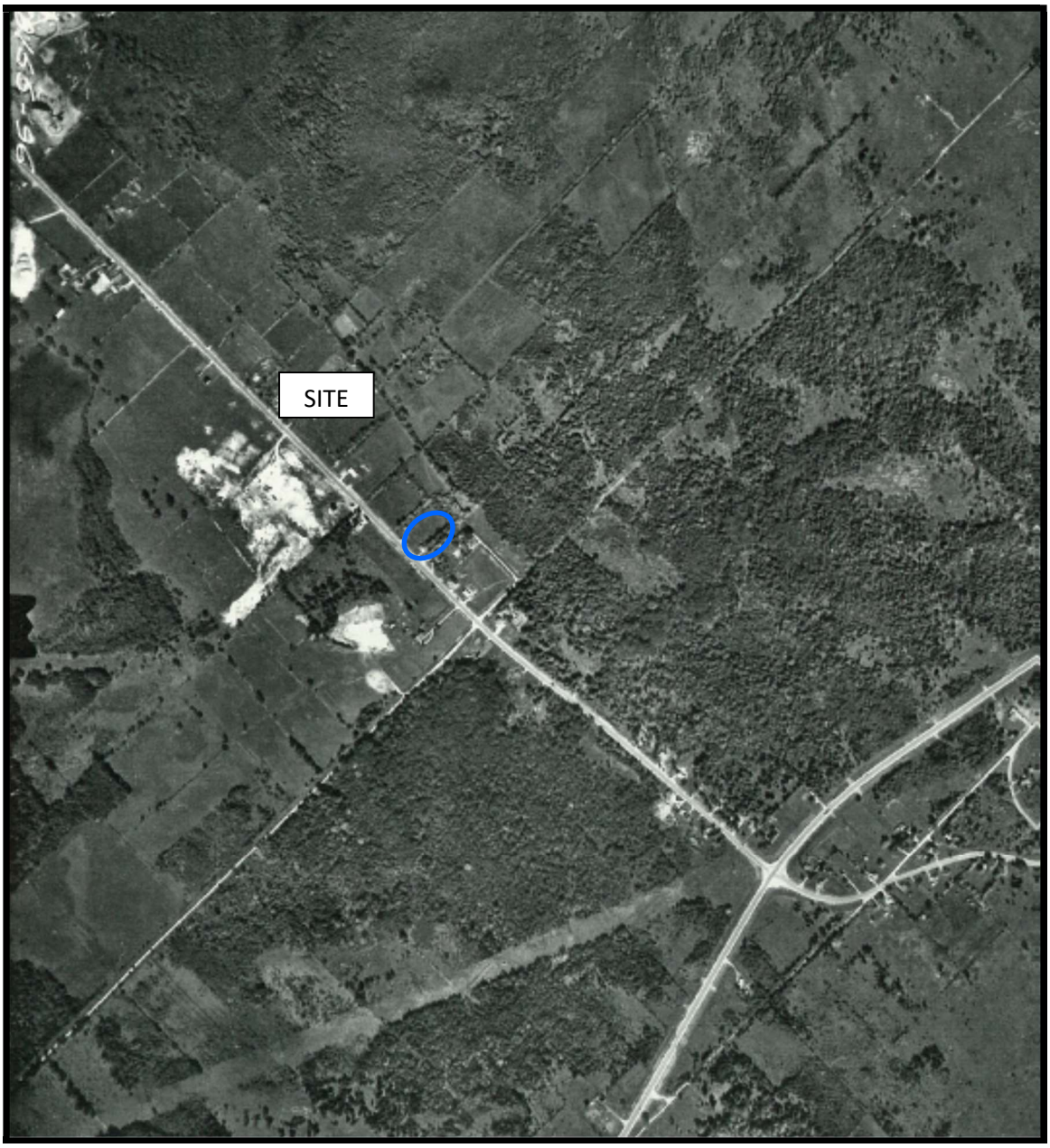
APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



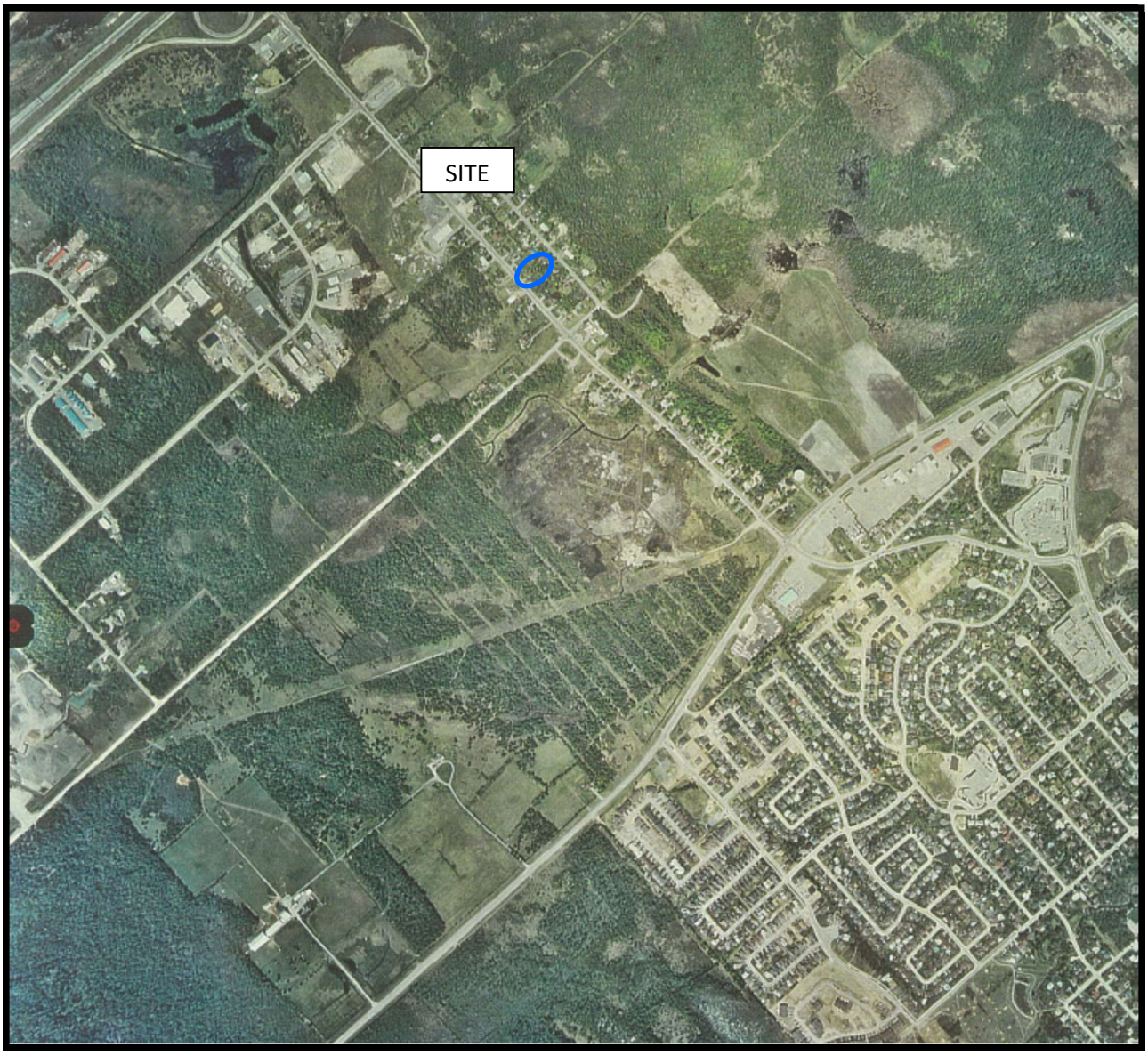
AERIAL PHOTOGRAPH
1945



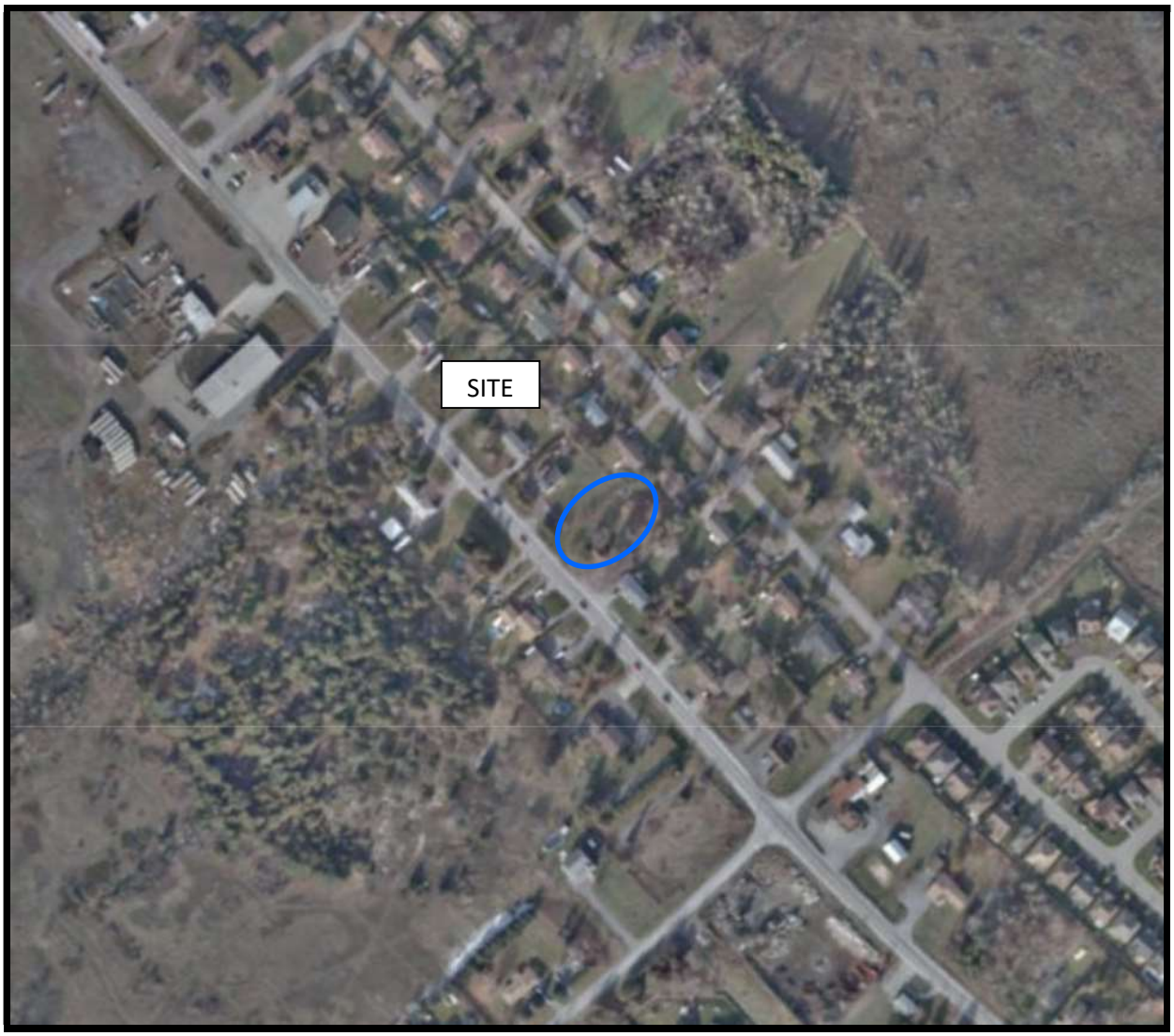
AERIAL PHOTOGRAPH
1963

AERIAL PHOTOGRAPH
1970

AERIAL PHOTOGRAPH
1984

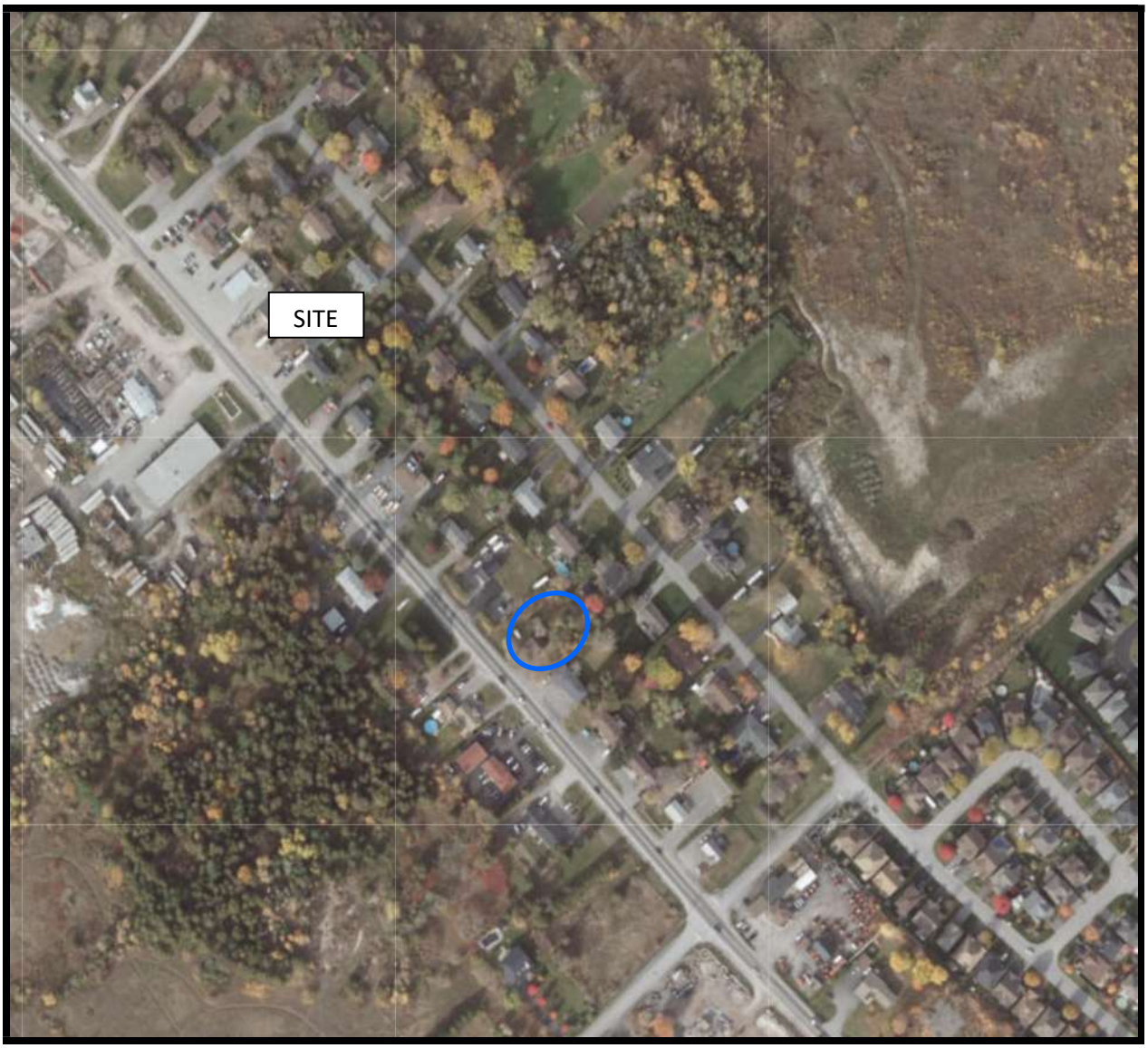


AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2009

AERIAL PHOTOGRAPH
2017



AERIAL PHOTOGRAPH
2019

Site Photographs

Photograph 1: Front view of residential dwelling looking northwest .

Photograph 2: View of backyard, looking north.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH REQUEST

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

HLUI RESPONSE

ERIS REPORT

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

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

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

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

Ontario

May 11, 2022

Samuel Berube
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
sberube@patersongroup.ca

Dear Samuel Berube:

RE: **MECP FOI A-2022-03757 / Your Reference PE5741 – Acknowledgement Letter**

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

The search will be conducted on the following: 2026 Carp Road, Ottawa. If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

Also, the Ministry's Freedom of Information and Protection of Privacy Office (MECP Access and Privacy Office) is currently providing requesters with decisions/records via email. This allows requesters to obtain decisions containing records in a more timely and efficient way.

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

If you have any questions, please contact Nasreen Salar at or nasreen.salar@ontario.ca.

Yours truly,
MECP Access and Privacy Office

UTM (1) 1 8 Z 4 2 5 6 8 0 E
5 R 5 0 1 3 5 1 0 N
Elev. 4 R 0 3 8 0
Basin 25 Con 11
Lot 1

3165d

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

County or Territorial Dist[redacted]hip, ~~Village, Town or City~~ Huntley twp. BW
n Village, Town or City)
Address Carp P.O.
completed 12 (day) July (month) 55 (year)

Pipe and Casing Record

Casing diameter(s) 6" 5" 4"
Length(s) 38 6 19' 6"
Type of screen
Length of screen

Pumping Test

Static level 30 ft.
Pumping rate 300 GPH
Pumping level 35 ft.
Duration of test 1/2 hr.

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Hardpan	0	38
Limestone rock	38	68

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
60 - 68	to 30 ft	fresh

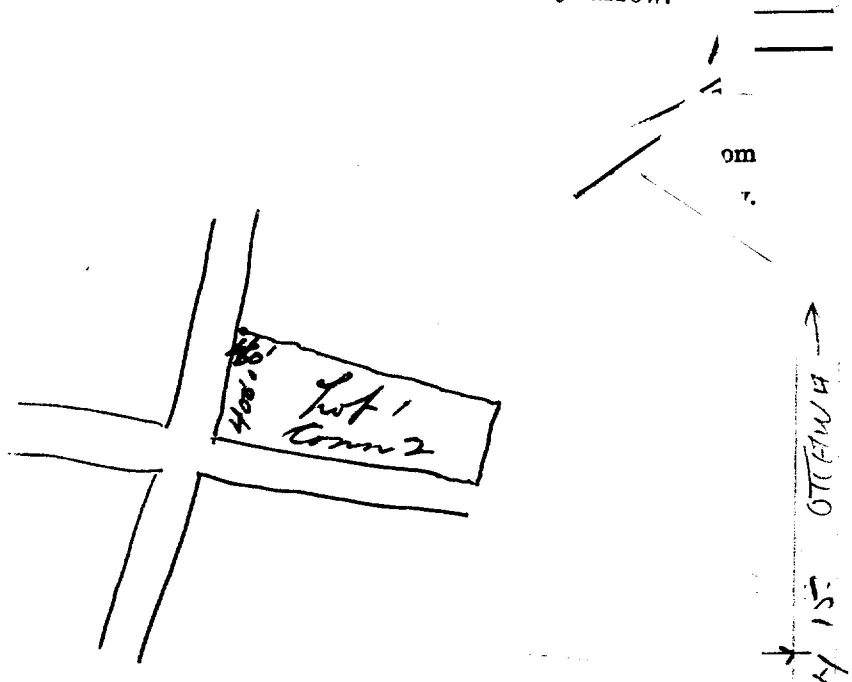
or what purpose(s) is the water to be used? home
water clear or cloudy? clear
well on upland, in valley, or on hillside? hillside
illing firm Ben E. Sparks
dress 4 McEwen Cres
me of Driller Ben E. Sparks
dress
ence Number 420

I certify that the foregoing statements of fact are true.

e Aug 14 Ben E. Sparks
Signature of Licensee

Location of Well

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



31 G 5 d

UTM 18 Z 425520 E
5 R 5013700 N
Elev. 47 R 0425
Basin 4025

15 No 3047

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

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

Con. 2 Lot 1 Date completed 8 (day) SEPT (month) 1960 (year)

Owner GOMME CONST. LTD. (print in block letters) Address ALMONTE, ONTARIO.

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 47'
Type of screen 18 SLOT BRASS
Length of screen 4'
Depth to top of screen 46'
Diameter of finished hole 5"

Pumping Test

Static level 37'
Test-pumping rate 5 G.P.M.
Pumping level 46'
Duration of test pumping 5 HRS.
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 5 G.P.M.
with pumping ~~level~~ SET 48'

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
Sand COARSE	0	50'	50	13'	Fresh

Water Record

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

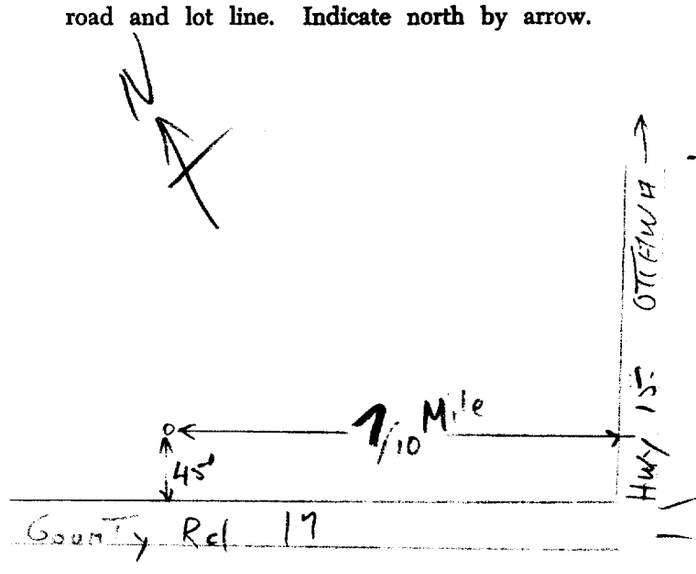
Is well on upland, in valley, or on hillside?
~~upland~~ hillside

Drilling Firm McLEAN WATER SUPPLY LTD.
Address 1582 RAVEN AVE. PA 2-7915 OTTAWA.

Licence Number 476
Name of Driller B. FOSTER
Address
Date Sept 30, 60
A. L. McLean.
(Signature of Licensed Drilling Contractor)

Location of Well

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



Form 5

C58.58

UTM 18 Z 425695 E

15 R 5013500 N

Elev. 4 R 04201

Basin 25

31G5d

The Ontario Water Resources Commission Act

WATER WELL RECORD

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

Con. 2 — Lot 21 — Date completed: 27th (day) Sept. (month) 1961 (year)

[redacted] Address: 2155 Scott st Ottawa

Casing and Screen Record	
Inside diameter of casing	5 5/8
Total length of casing	55'
Type of screen	
Length of screen	
Depth to top of screen	
Diameter of finished hole	5 5/8

Pumping Test		
Static level	16'	
Test-pumping rate	15	G.P.M.
Pumping level	55 ft	
Duration of test pumping	30 min.	
Water clear or cloudy at end of test	clear	
Recommended pumping rate	7	G.P.M.
with pump setting of	70	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)
gravel and boulders & quicksand	0	45'		
limestone rock	45'	90	70	fresh

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

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

Drilling or Boring Firm: Mel McLaughlin

Address: Ashton Ont

Licence Number: 225

Name of Driller or Borer: Melville McLaughlin

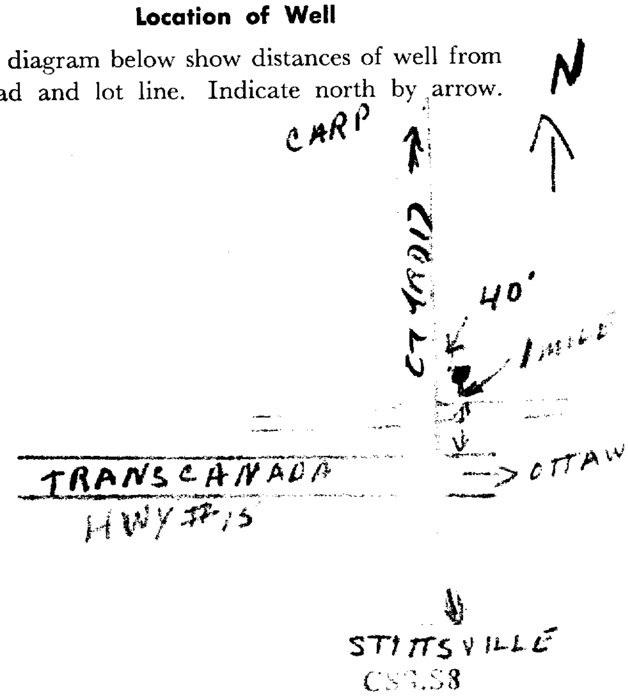
Address: Ashton Ont.

Date: September

Melville McLaughlin
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M Sets 60-5930

OWRC COPY

UTM 18 Z 425640 E
5 R 5013449 N

Elev. 5 R 0428

Basin 25

County or District CARL

Con. III Lot 1

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
No. 31
FEB 1

ONTARIO WATER RESOURCES COMMISSION

Township, Village, Town or City Huntley

Date completed 30 (day) Nov (month) 62 (year)

[redacted] ess RR#3 CARP

Casing and Screen Record

Inside diameter of casing 5"

Total length of casing 40'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 5"

Pumping Test

Static level 40

Test-pumping rate 10 G.P.M.

Pumping level 45

Duration of test pumping ½ hr

Water clear or cloudy at end of test cloudy

Recommended pumping rate 10 G.P.M.

with pump setting of 60 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
GRAVEL & BOULDERS	0'	8'	70	fresh
SAND	8'	36'	94	
BLUE LIME	36	95		

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

HOUSEHOLD

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

Drilling or Boring Firm CAPITAL WATER SUPPLY

Address 1243 HERON RD OTTAWA

Licence Number 482

Name of Driller or Borer S HUFF

Address

Date 30 Nov 62

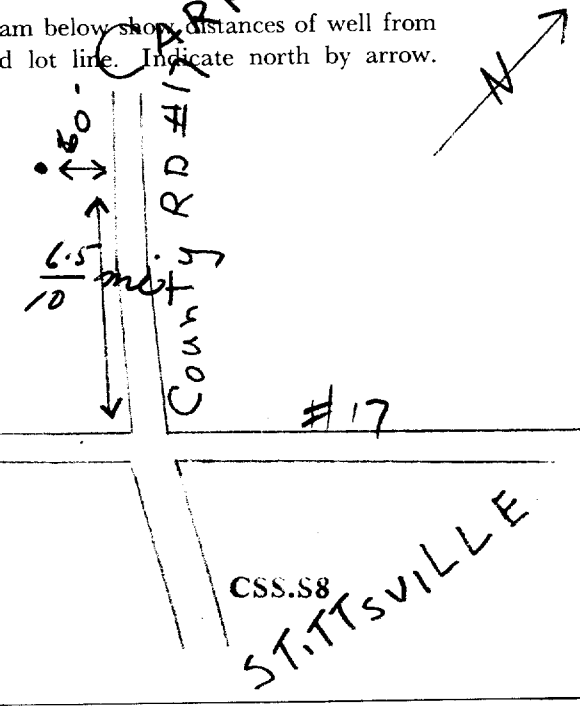
Walter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Form 7 10M-62-1152

OWRC COPY

Location of Well

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



CODED *Con III Lot 1*

UTM *18* Z *425585* E   [redacted]   15 № 3105

5 R *5013525* N

Elev. *5* R *0430*

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin *25* County or District *CARLETON* Township, Village, Town or City *HUNTLEY*

Con. *3* Lot *1 South half* Date completed *2* (day) *5* month *1968* year)

[redacted]ess *259 IONA ST OTTAWA 3, ONT.*

Casing and Screen Record	
Inside diameter of casing	*5"*
Total length of casing	*51'*
Type of screen	*—*
Length of screen	*—*
Depth to top of screen	*—*
Diameter of finished hole	*5"*

Pumping Test	
Static level	*30'*
Test-pumping rate	*5* G.P.M.
Pumping level	*44'*
Duration of test pumping	*1 hr.*
Water clear or cloudy at end of test	*clear*
Recommended pumping rate	*5* G.P.M.
with pump setting of	*55* feet below ground surface

Well Log: Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Boulders & Gravel	*0*	*30*		
Fine Gravel	*30*	*46*	*65*	
Grey Limestone	*46*	*80*	*73*	*Fresh*

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

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

Drilling or Boring Firm *MCLEAN WATER SUPPLY LTD.*

Address *1532 RAVEN AVE OTTAWA 3, ONT.*

Licence Number *2779*

Name of Driller or Borer *H. SALLY*

Address

Date *MAY 2, 1968*

[signature]

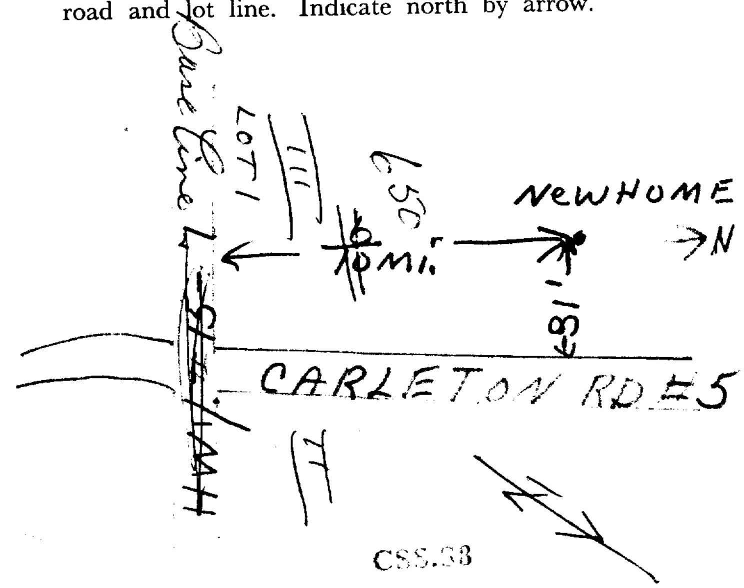
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

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



CSS.33

The Ontario Water Resources Commission Act

WATER WELL RECORD

31655

Water management in Ontario

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

11 | 1511445 | MUNICIP. 15005 | CON. CON 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Huntley	Con 2	001

[redacted] Carp RR# 1,

DATE COMPLETED: DAY 21 MO. July YR. 71

...NG 13730 | RC. 4 | ELEVATION 0422 | 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	sand	gravel		0	37
grey	limestone			37	79

31 | 0037609111 | 0079215

32

41 WATER RECORD

WATER FOUND AT – FEET	KIND OF WATER
0079	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	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
05	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0039
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE			0079
	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: 1 ☐ PUMP 2 ☒ BAILER

PUMPING RATE: 0010 GPM.

DURATION OF PUMPING: 01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
30 FEET	060 FEET	042 FEET	049 FEET	056 FEET	060 FEET

WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY

IF FLOWING, GIVE RATE: GPM.

PUMP INTAKE SET AT: FEET

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

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP

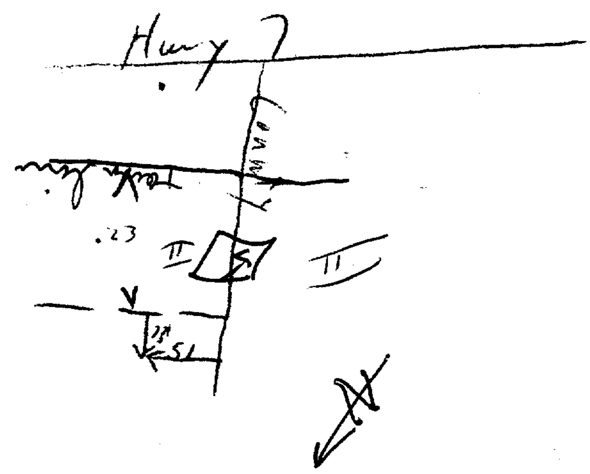
RECOMMENDED PUMP SETTING: 060 FEET

RECOMMENDED PUMPING RATE: 0005 GPM.

0003 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE 01

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: Harry Mains Well Drilling — LICENCE NUMBER: 3644

ADDRESS: Box 324 Richmond Ont.

NAME OF DRILLER OR BORER: Barry Acres — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Harry Mains — SUBMISSION DATE: DAY 23 MO. July YR. 71

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 3644 | DATE RECEIVED: 081071

DATE OF INSPECTION | INSPECTOR

REMARKS:

P

WI

OWRC COPY

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act
WATER WELL RECORD

ONTARIO

319/5d

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2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 1513299 | MUNICIP. 15005 | CON. CON 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Huntley	Con 2	001

OWNER (SURNAME FIRST) [redacted] ADDRESS ...2 Knotinghill Ave Ottawa | DATE COMPLETED DAY 02 MO. June 06 YR. 73

[redacted] 13530 4 | ELEVATION 415 4 | BASIN CODE 26 | JAN 12, 1975 44

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
grey	clay	stones		0	44
grey	limestone			44	70

31 | 0044205 12 | 0070215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
070	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
05	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	.188	0	0046
	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: 1 ☐ PUMP 2 ☑ BAILER | PUMPING RATE 0020 GPM. | DURATION OF PUMPING 01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
015 FEET	040 FEET	035 FEET	040 FEET	040 FEET	040 FEET

WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY

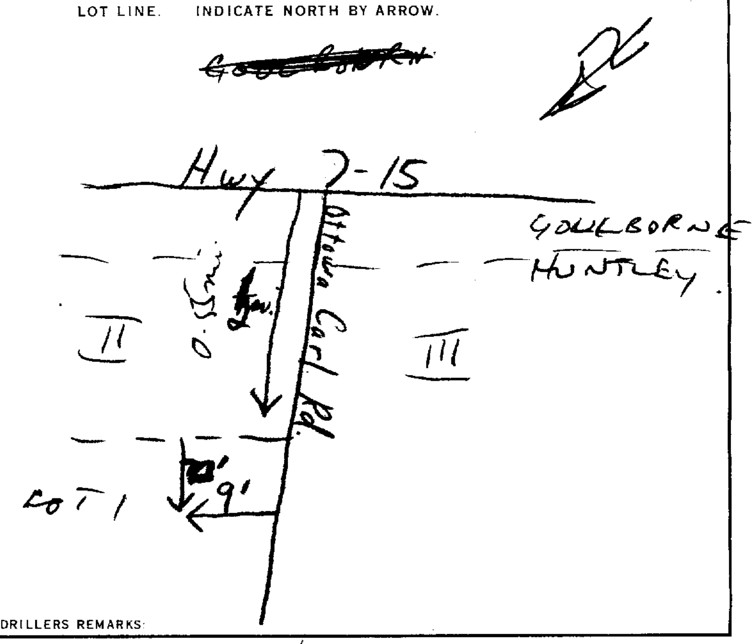
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: FEET | WATER AT END OF TEST: 1 ☐ CLEAR 2 ☑ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP | RECOMMENDED PUMP SETTING 040 FEET | RECOMMENDED PUMPING RATE 010 GPM.

000.8 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

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

WATER USE
01
1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

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

CONTRACTOR
NAME OF WELL CONTRACTOR: Henry Mains Well Drilling | LICENCE NUMBER 3644
ADDRESS: Box 326, Richmond Ont.
NAME OF DRILLER OR BORER: | LICENCE NUMBER
SIGNATURE OF CONTRACTOR: Henry Mains | SUBMISSION DATE DAY ___ MO. ___ YR. ___

OFFICE USE ONLY
DATA SOURCE 1 | CONTRACTOR 3644 | DATE RECEIVED 130873
DATE OF INSPECTION | INSPECTOR K
REMARKS: | P R | WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

37 G/5D

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

11 | 1514095 | MUNICIP 15005 | CON. CON 03

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Huntley	3	001

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
[redacted]	851 Richmond Rd. Apt. 911 Ottawa, Ont.	DAY 30 MO. 05 YR. 74

ZONE	EASTING	NORTHING	RC.	ELEVATION	RC.	BASIN CODE	II	III	IV
18	425606	5013509	4	428	4	26			

1514095 JUL 08, 1977 301

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	small boulders & gravel	loose	0	3
reddish grey	sand	boulders	packed	3	10
grey	sand	boulders	packed	10	60
grey	limestone			60	90

31 | 0003628 1177 | 0010728 1379 | 0060228 1379 | 0090215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0087	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 67	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE	188	0	0062
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		62	0090
	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	0010 GPM	01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
025 FEET	050 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	050 FEET	050 FEET	050 FEET	050 FEET

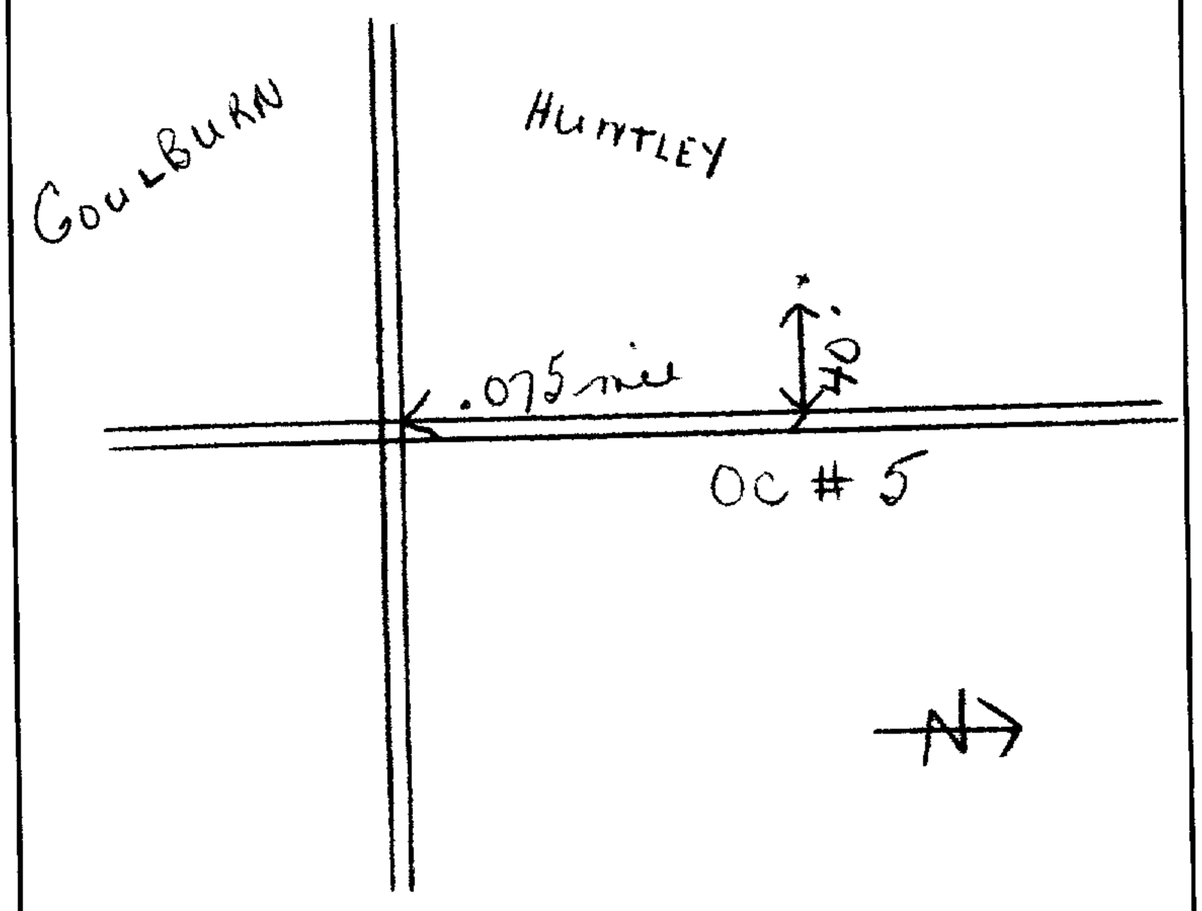
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☒ DEEP	060 FEET	0005 GPM

GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 2513

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 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
Capital Water Supply Ltd.	1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER	LICENCE NUMBER
W. Kavanagh	

SIGNATURE OF CONTRACTOR: Walter Kavanagh

SUBMISSION DATE: DAY 31 MO. 5 YR 74

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	1556	130674

DATE OF INSPECTION: 7 Aug 74 INSPECTOR: K. P/R. Doyle

REMARKS: P WI

FORM 7 07-091

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MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

Ontario

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

11 | 1514315 | MUNICIP. | CON.

[redacted] | TWP. CITY, TOWN, VILLAGE: ~~Carleton~~ Torbolton | CON., BLOCK, TRACT, SURVEY, ETC.: 2 | LOT: 1

Parker Ave, Ottawa, Ontario | DATE COMPLETED: DAY 30 MO 4 YR 74

21 | WELL USE | ZONE | EASTING | NORTHING | RC | ELEVATION | RC | BASIN CODE | 11 | 15

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	boulders	rough	0	20
grey	gravel			20	33

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
33	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	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	DEPTH - FEET TO
6¼	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	32
6			32	33
	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: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE: 20 GPM

DURATION OF PUMPING: 1 HOURS ____ MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
10 FEET	25 FEET	25 FEET	25 FEET	25 FEET	25 FEET

IF FLOWING GIVE RATE: ____ GPM

PUMP INTAKE SET AT: ____ FEET

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

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP

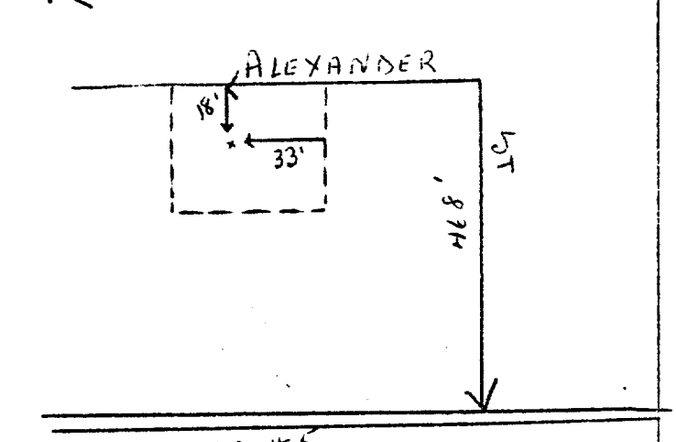
RECOMMENDED PUMP SETTING: 25 FEET

RECOMMENDED PUMPING RATE: 5 GPM

____ GPM / FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd. | LICENCE NUMBER: 1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER: G. Dagg | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE: DAY 12 MO 9 YR 74

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR | DATE RECEIVED 151074

DATE OF INSPECTION | INSPECTOR

REMARKS

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MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

31 G/SD

Ontario

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

11 | 1514315 | MUNICIP 1500.5 | CON CON | 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	West Carleton Huntley	2	001

[redacted]
Parker Ave. Ottawa, Ontario

DATE COMPLETED: DAY 10 MO. 09 YR. 74

RC.	ELEVATION	RC.	BASIN CODE
4	406	4	26

013525 JUL 08, 1977 301

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	boulders	rough	0	20
gray	gravel			20	33

31 | 00206281 3 | 00332111

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0033	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	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	DEPTH - FEET TO
06	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ [illegible]	188	0	0032
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE		32	33
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

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

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	0020 GPM.	01 HOURS 00 MINS

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

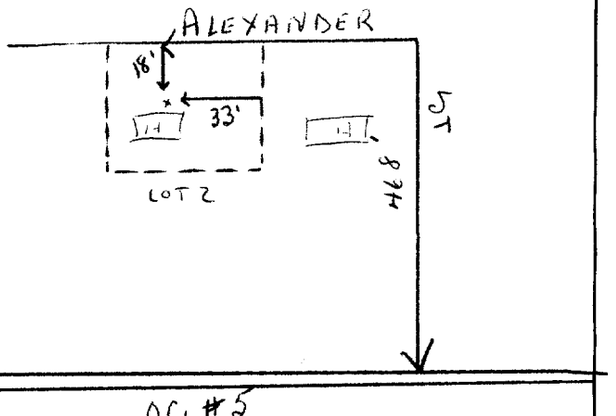
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM.	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☒ SHALLOW ☐ DEEP	025 FEET	0005 GPM.

GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 2513

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



DRILLERS REMARKS:

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

WATER USE 55-56: 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 57: 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: Capital Water Supply Ltd. | LICENCE NUMBER: 1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER: G. Dagg | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Walter Kavanagh | SUBMISSION DATE: DAY 12 MO. 9 YR. 74

OFFICE USE ONLY

DATA SOURCE 58: 1 | CONTRACTOR 59-62: 1558 | DATE RECEIVED 63-68: 151074

DATE OF INSPECTION: 7 Sept 74 | INSPECTOR: P / R. Dagg

REMARKS:

P

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FORM 7 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

ONTARIO

31 6/5D

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

11 | 1514493 | MUNICIP. 15005 | CON. CON | 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.
Carleton	Huntley	Con 1

[redacted] lexandria St. RR#3, Carp. | DATE COMPLETED DAY 02 MO. 11 YR. 74

1514493 18 425794 5013511 4 406 4 26 JUL 08, 1977 301

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
grey	gravel	boulders		0	39

31 | 0039/1113
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0039	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	0031
	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	0025 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
012 FEET	025 FEET	025 FEET	025 FEET	FEET	FEET

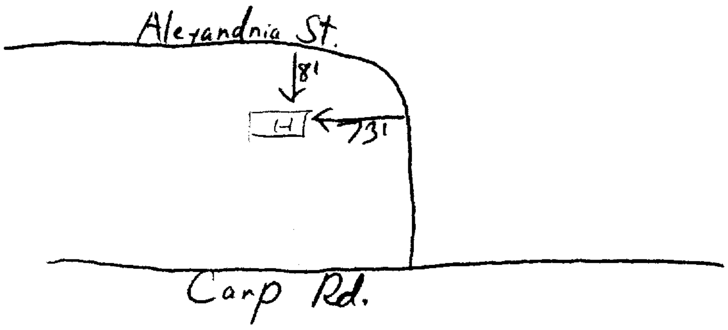
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: FEET | WATER AT END OF TEST: 1 ☐ CLEAR 2 ☑ CLOUDY

RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING 025 FEET | RECOMMENDED PUMPING RATE 0005 GPM.

50-53 ____ GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 2513

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	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	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: Harry Mains Well Drilling | LICENCE NUMBER: 3644
ADDRESS: Box 326, Richmond Ont.
NAME OF DRILLER OR BORER: Harry Mains | LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: | SUBMISSION DATE DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	3644	290175

DATE OF INSPECTION: 7 Apr 76 | INSPECTOR: B/R. Doyl
REMARKS: | P | WI

MINISTRY OF THE ENVIRONMENT COPY

CS.58 FORM 7 07-091

MINISTRY OF THE ENVIRONMENT

The Ontario Water Resources Act

WATER WELL RECORD

31G/5D

Ontario

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

11 | 1515281 | MUNICIP. 15005 | CON. C6N | 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	West Carleton (Huntley)	2	001

[redacted]

Stittsville, Ontario

DATE COMPLETED: DAY 26 MO 02 YR 76

THING	RC.	ELEVATION	RC.	BASIN CODE	II	III	IV
5013469	4	412	4	26	JUL 08, 1977		301

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			0	5
brown	gravel	boulders	packed	5	30
grey	hardpan	boulders	packed	30	54
grey	limestone			54	85

31 | 0005628 | 0030611379 | 0054241379 | 0085215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0080	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	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	DEPTH - FEET TO
6¼	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE	188	0	0056
06 6¼	~~4 ☒ OPEN HOLE~~		~~56~~	~~85~~
06	4 ☒ OPEN HOLE			0085
	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: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE	DURATION OF PUMPING
0010 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
022 FEET	045 FEET		045 FEET	045 FEET	045 FEET	045 FEET

IF FLOWING, GIVE RATE: GPM

PUMP INTAKE SET AT: FEET

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

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP

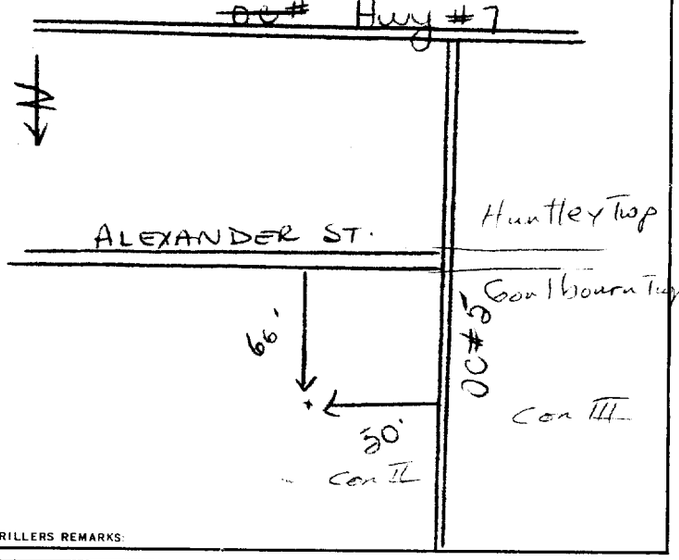
RECOMMENDED PUMP SETTING: 055 FEET

RECOMMENDED PUMPING RATE: 0005 GPM

GPM./FT. SPECIFIC CAPACITY: ———•——

LOCATION OF WELL 2513

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: 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: 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: Capital Water Supply Ltd. — LICENCE NUMBER: 1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER: M. Hamilton & D. McDougall — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [signature] — SUBMISSION DATE: DAY 27 MO 2 YR 76

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 1558 | DATE RECEIVED: 30476

DATE OF INSPECTION: June 16, 1976 | INSPECTOR: [signature]

REMARKS:

P [signature]

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

31 G/5d

Ontario

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

11 | 1515705 | MUNICIP. 15005 | CON. CON 03

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT 001
Carleton	West Carleton (Huntley)	3	

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
C Canada Motor Homes	Box 667 Stittsville, Ontario	DAY 12 MO. 10 YR. 76

21 | ZONE 18 | EASTING 425520 | NORTHING 5013640 | PR 4 | ELEVATION 0425 | SC 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	boulders	loose	0	7
brown	sand	stones		7	50
brown	sand	boulders		50	52
black	limestone		broken	52	55
black	limestone		soft	55	165

31 | 32 | 0007628137 | 0050628212 | 0052628213 | 0055815711 | 0165815859

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0125	1 ☒ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
0162	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 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE	188	0	055
06			55	165
66				0165

SCREEN

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

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	0009 GPM	01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
025 FEET	090 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	090 FEET	090 FEET	090 FEET	090 FEET

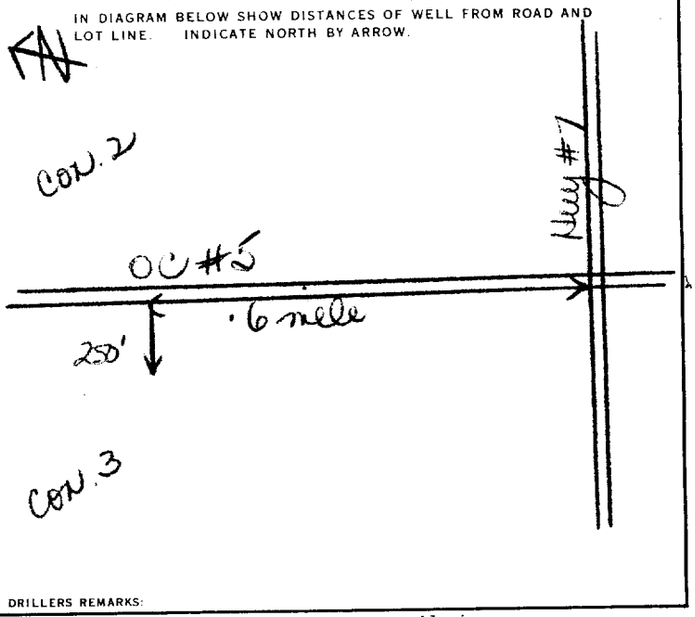
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☒ DEEP	100 FEET	0005 GPM

GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL: 1

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: 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
Capital Water Supply Ltd.	1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER	LICENCE NUMBER
D. McDougall	

SIGNATURE OF CONTRACTOR: Walter Kwarak

SUBMISSION DATE: DAY 14 MO. 10 YR. 76

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 1558 | DATE RECEIVED 25 11 76

DATE OF INSPECTION June 7/77 | INSPECTOR KM TKS

REMARKS:

P 95

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

Ontario — Ministry of the Environment

Well Tag Number (Place sticker and print number below): A013643

A013643

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

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

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

Ottawa Carleton	West Carleton-Huntly	1	3
RR#/Street Number/Name	City/Town/Village	Site/Compartment/Block/Tract etc.	
6288 Rothbourn Rd.	Carp		

GPS Reading: NAD 83 | Zone 18 | Easting 425685 | Northing 5013659 | Unit Make/Model: Garmin | Mode of Operation: ☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
brown	sandy soil	boulders	packed	0	1.82
brown	sandy soil			1.82	9.75
gray	sand	some stones		9.75	14.62
gray	limestone			14.62	83.20

Hole Diameter

Depth From	Metres To	Diameter Centimetres
0	15.23	22.75
15.23	83.20	15.55

Water Record

Water found at ___ Metres / Kind of Water

- ___ m ☐ Fresh ☐ Sulphur ☐ Salty ☐ Minerals ☐ Gas ☐ Other: 64.91
- ☐ Fresh ☐ Sulphur ☐ Salty ☐ Minerals ☐ Gas ☐ Other: NOT TESTED
- ___ m ☐ Fresh ☐ Sulphur ☐ Salty ☐ Minerals ☐ Gas ☐ Other:

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

Chlorinated ☒ Yes ☐ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
Casing				
15.86	☒ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	0.48	+.60	15.23
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
15.55	☒ Open hole		15.23	83.20

Test of Well Yield

Pumping test method: submersible

Pump intake set at - (metres) 68.57

Pumping rate - (litres/min) 18.2

Duration of pumping 2 hrs + ___ min

Final water level end of pumping 16.38 metres

Recommended pump type. ☐ Shallow ☒ Deep

Recommended pump depth. 45.71 metres

Recommended pump rate. 18.2 (litres/min)

If flowing give rate - (litres/min)

If pumping discontinued, give reason.

Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Static Level	6.20		
1	7.21	1	13.99
2	7.66	2	12.26
3	8.00	3	11.36
4	8.31	4	10.55
5	8.58	5	10.11
10	9.26	10	8.31
15	9.80	15	7.59
20	9.85	20	7.22
25	9.91	25	7.08
30	9.95	30	6.99
40	9.99	40	6.89
50	10.01	50	6.85
60	10.02	60	6.83

Plugging and Sealing Record

☒ Annular space ☐ Abandonment

Depth set at - Metres From	Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
10.66	0	Grouted Bentonite Slurry	.84m3

Method of Construction

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

Water Use

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

Final Status of Well

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

Well Contractor/Technician Information

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply LTd.	1558

Business Address (street name, number, city etc.): P.O. Box 490 Stittsville, Ontario K2S 1A6

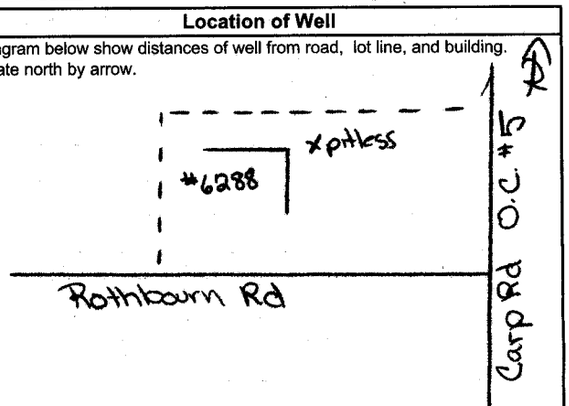
Name of Well Technician (last name, first name)	Well Technician's Licence No.
Miller, Stephen	T0097

Signature of Technician/Contractor: x [signature]

Date Submitted: YYYY 2005 MM 4 DD 19

Location of Well

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



Audit No. Z 27093

Date Well Completed: YYYY 2005 MM 04 DD 18

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

Date Delivered: YYYY 2005 MM 04 DD 19

Ministry Use Only

Data Source | Contractor 1558

Date Received: YYYY MAY 18 2005 | Date of Inspection YYYY MM DD

Remarks | Well Record Number

0506E (09/03)

Contractor's Copy ☐ Ministry's Copy ☐ Well Owner's Copy ☐

Cette formule est disponible en français

Samuel Berube

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May 11, 2022 10:15 AM
To: Samuel Berube
Subject: RE: Phase I - ESA - 2026 Carp Road

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

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

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

Kind regards,

Sherees

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

From: Samuel Berube <SBerube@patersongroup.ca>
Sent: May 10, 2022 3:17 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Phase I - ESA - 2026 Carp Road

Good afternoon,

Can you please complete a search of your records for the following properties in Ottawa, Ontario?

2021, 2022, 2026, 2029, 2033, 2034 **– Carp Road**

117, 121, 133 – **Lloydalex Crescent**

Thank you,

Samuel Berube, EIT

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel:613-226-7381
Cell: 613-240-4583

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *2026 Carp Road*

** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group*		
Mailing Address:	*154 Colonnade Road South, Ottawa, ON, K2E 7J5*		
Telephone:	*613-226-7381*	Email Address:	*sberube@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*2244434 Ontario Inc.*		
Mailing Address:	*2026 Carp Road, Ottawa, Ontario, K0A 1L0*		
Telephone:		Email Address:	*417cars@gmail.com*

Site Details

Legal Description and PIN:	*Part of Lot 1, Concession 2, Huntley Township, in the City of Ottawa, Ontario* *PIN: 04487-0301*
What is the land currently used for?	*Residential*

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

OR Lot area: (irregular lot) 1,800 m²

Does the site have Full Municipal Services: ○ Yes ◉ No

Required Fees

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

Planning Fee	$105.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

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

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: _____

Dated (dd/mm/yyyy): 12/05/2022

Per: Samuel Berube

(Please print name)

Title: EIT

Company: Paterson Group

patersongroup

Consulting Engineers

May 18, 2022
File: PE5751-HLUI

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

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science

www.patersongroup.ca

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

Subject: **Authorization Letter, HLUI Search**
Phase I Environmental Site Assessment
200 Clearview Avenue
Ottawa, Ontario

To Whom it May Concern,

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

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

Name of Company/Property Owner: HOMESTEAD LAND HOLDINGS

Name of Representative: JACK MANGAN

Authorization of Representative:

Date: MAY 18th / 2022

DATABASE REPORT

Project Property:	*Phase I - ESA - 2026 Carp Road* *2026 carp road* *Carp ON K0A 1L0*
Project No:	*54643*
Report Type:	*Standard Report*
Order No:	*22051100538*
Requested by:	*Paterson Group Inc.*
Date Completed:	*May 16, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I - ESA - 2026 Carp Road* *2026 carp road Carp ON K0A 1L0*
Project No:	*54643*

Coordinates:

Latitude:	*45.2738164*
Longitude:	*-75.9474916*
UTM Northing:	*5,013,805.28*
UTM Easting:	*425,679.73*
UTM Zone:	*18T*

Elevation:	*400 FT* *121.94 M*

Order Information:

Order No:	*22051100538*
Date Requested:	*May 11, 2022*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	6	6
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	3	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	2	2
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	6	6
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	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	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	35	35
	Total:	0	70	70	

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 1 con 2 ON ***Well ID:*** 1514045	N/34.0	1.30	24
2	SPL	Hydro One Network Services Inc.	127 Lloydalex Cres, Stittsville Ottawa ON	ENE/59.0	-2.23	26
3	EHS		2016 Carp Road Carp ON K0A 1L0	SE/60.3	-1.14	27
4	PES	UPPER CANOPY CORP	2021 CARP RD CARP ON K0A1L0	SSW/70.1	2.49	27
5	EHS		2021 Carp Road Ottawa ON Stittsville ON K2S 1B9	SSW/70.2	2.49	28
6	WWIS		lot 1 con 2 ON ***Well ID:*** 1513299	SE/71.0	-1.14	28
7	WWIS		lot 1 con 2 ON ***Well ID:*** 1503046	SSE/79.5	0.63	31
8	WWIS		lot 1 con 3 ON ***Well ID:*** 1514095	SW/85.9	3.85	33
9	BORE		ON	WSW/86.6	6.06	37
10	WWIS		lot 1 con 3 ON ***Well ID:*** 1503105	WSW/86.7	6.06	38
11	WWIS		lot 1 con 3 ON ***Well ID:*** 1515701	W/90.7	6.97	41
12	WWIS		lot 1 con 2 ON	SE/95.1	-0.16	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503049			
13	BORE		ON	SSW/105.0	3.58	47
14	WWIS		lot 1 con 3 ON ***Well ID:*** 1503101	W/109.3	6.94	48
15	EHS		2046 Carp Rd Ottawa ON K0A1L0	NW/118.2	3.19	51
16	WWIS		lot 1 con 2 ON ***Well ID:*** 1513887	NNE/131.6	-3.12	51
17	WWIS		lot 1 con 2 ON ***Well ID:*** 1514315	ESE/134.2	-1.61	54
18	WWIS		lot 1 con 2 ON ***Well ID:*** 1512249	E/136.0	-3.26	57
19	WWIS		lot 1 con 3 ON ***Well ID:*** 1515705	WNW/141.0	7.54	60
20	WWIS		lot 1 con 3 ON ***Well ID:*** 1503100	S/143.6	3.58	64
21	WWIS		lot 1 con 2 ON ***Well ID:*** 1503054	NNW/143.7	-1.53	67
22	WWIS		6288 ROTHBOURN RD. lot 1 con 3 CARP ON ***Well ID:*** 1535454	S/146.4	2.27	69
23	WWIS		lot 1 con 2 ON ***Well ID:*** 1503050	ENE/146.9	-3.81	77
24	BORE		ON	ENE/146.9	-3.99	79
25	WWIS		lot 1 con 2 ON	SE/149.8	-1.06	81

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1515281			
26	WWIS		lot 1 con 3 ON ***Well ID:*** 1503102	WSW/152.8	7.94	84
27	EASR	T G CARROLL CARTAGE LTD	2054 CARP RD CARP ON K0A 1L0	NW/157.7	4.27	87
28	WWIS		lot 1 con 2 ON ***Well ID:*** 1513884	N/157.9	-2.94	87
29	WWIS		lot 1 con 2 ON ***Well ID:*** 1514493	ESE/161.9	-2.09	90
30	WWIS		lot 1 con 2 ON ***Well ID:*** 1503047	WNW/174.1	5.99	93
31	WWIS		lot 1 con 2 ON ***Well ID:*** 1513885	N/179.0	-3.03	95
32	WWIS		lot 1 con 2 ON ***Well ID:*** 1513839	ENE/179.0	-4.06	98
33	WWIS		lot 1 con 2 ON ***Well ID:*** 1513378	ENE/189.1	-4.06	101
34	GEN	RON MOORE EQUIPMENT LTD. 33-670	2060 CARP ROAD PO BOX 507 STITTSVILLE ON K2S 1B9	NW/190.0	4.87	104
34	FSTH	RON MOORE EQUIPMENT LTD	2060 CARP RD STITTSVILLE ON	NW/190.0	4.87	104
34	FSTH	RON MOORE EQUIPMENT LTD	2060 CARP RD STITTSVILLE ON	NW/190.0	4.87	104
35	WWIS		lot 1 con 2 ON ***Well ID:*** 1513634	NE/190.1	-4.93	105
36	BORE		ON	NNE/190.4	-4.76	108

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	WWIS		lot 1 con 2 ON ***Well ID:*** 1503052	NNE/190.4	-4.76	109
38	WWIS		lot 1 con 1 ON ***Well ID:*** 1513635	NE/195.4	-5.06	112
39	WWIS		lot 1 con 2 ON ***Well ID:*** 1514212	NNW/196.8	-1.70	115
40	BORE		ON	NW/205.6	5.26	118
41	WWIS		lot 1 con 2 ON ***Well ID:*** 1511445	NW/205.6	5.26	119
42	WWIS		lot 1 con 2 ON ***Well ID:*** 1503055	NW/209.1	5.26	122
43	WWIS		lot 1 con 2 ON ***Well ID:*** 1513886	NNW/210.6	-3.03	125
44	PRT	APOS CONVENIENCE LTD	1000 CARP RD CARP ON	SE/212.4	0.94	128
44	PRT	APOS CONVENIENCE LTD ANAND BANSAL	1000 CARP RD CARP ON	SE/212.4	0.94	128
45	WWIS		lot 1 con 2 ON ***Well ID:*** 1519392	NNE/221.4	-4.64	128
46	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	ESE/221.9	-1.12	131
46	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	ESE/221.9	-1.12	131
46	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	ESE/221.9	-1.12	132

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
47	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/225.0	-0.06	132
48	PES	HORSE WORLD INC.	1017 CARP ROAD STITTSVILLE ON K2S 1B9	SE/230.9	-1.12	132
48	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	SE/230.9	-1.12	133
48	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	SE/230.9	-1.12	133
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	SE/230.9	-1.12	134
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	SE/230.9	-1.12	134
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/230.9	-1.12	134
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/230.9	-1.12	134
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/230.9	-1.12	135
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/230.9	-1.12	135
48	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE/230.9	-1.12	135
49	GEN	RON MOORE EQUIPMENT LTD	2060 CARP ROAD STITTSVILLE ON K2S 1A6	NW/232.0	3.66	136
49	GEN	RON MOORE EQUIPMENT LTD.	2060 CARP ROAD STITTSVILLE ON K2S 1A6	NW/232.0	3.66	136

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
50	WWIS		lot 1 con 3 ON ***Well ID:*** 1513334	SSW/234.1	3.91	136
51	BORE		ON	SSE/237.4	1.51	139
52	FST	RON MOORE EQUIPMENT LTD	2060 CARP RD CARP K0A 1L0 ON CA ON	NW/239.2	3.66	141
52	FST	RON MOORE EQUIPMENT LTD	2060 CARP RD CARP K0A 1L0 ON CA ON	NW/239.2	3.66	141
53	WWIS		lot 1 con 2 ON ***Well ID:*** 1513888	NNW/240.7	-2.89	142
54	WWIS		lot 23 con 12 ON ***Well ID:*** 1515752	SE/243.9	-0.06	145

Executive Summary: Summary By Data Source

BORE - Borehole

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	86.64	9
	ON	SSW	105.02	13
	ON	NW	205.57	40
	ON	SSE	237.42	51

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	146.94	24
	ON	NNE	190.38	36

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Mar 31, 2022 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
T G CARROLL CARTAGE LTD	2054 CARP RD CARP ON K0A 1L0	NW	157.75	27

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	2021 Carp Road Ottawa ON Stittsville ON K2S 1B9	SSW	70.16	5
	2046 Carp Rd Ottawa ON K0A1L0	NW	118.17	15

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2016 Carp Road Carp ON K0A 1L0	SE	60.27	3

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
RON MOORE EQUIPMENT LTD	2060 CARP RD CARP K0A 1L0 ON CA ON	NW	239.18	52
RON MOORE EQUIPMENT LTD	2060 CARP RD CARP K0A 1L0 ON CA ON	NW	239.18	52

FSTH - Fuel Storage Tank - Historic

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
RON MOORE EQUIPMENT LTD	2060 CARP RD STITTSVILLE ON	NW	189.98	34
RON MOORE EQUIPMENT LTD	2060 CARP RD STITTSVILLE ON	NW	189.98	34

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
RON MOORE EQUIPMENT LTD. 33-670	2060 CARP ROAD PO BOX 507 STITTSVILLE ON K2S 1B9	NW	189.98	34
RON MOORE EQUIPMENT LTD	2060 CARP ROAD STITTSVILLE ON K2S 1A6	NW	232.04	49
RON MOORE EQUIPMENT LTD.	2060 CARP ROAD STITTSVILLE ON K2S 1A6	NW	232.04	49

Lower Elevation	Address	Direction	Distance (m)	Map Key
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	ESE	221.92	46
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	225.01	47
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	230.92	48
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	230.92	48
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	230.92	48
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	230.92	48

Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	SE	230.92	48
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	SE	230.92	48
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	SE	230.92	48

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Mar 31, 2022 has found that there are 6 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UPPER CANOPY CORP	2021 CARP RD CARP ON K0A1L0	SSW	70.14	4

Lower Elevation	Address	Direction	Distance (m)	Map Key
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	ESE	221.92	46
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	ESE	221.92	46
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	SE	230.92	48
HORSE WORLD INC.	1017 CARP ROAD STITTSVILLE ON K2S 1B9	SE	230.92	48
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	SE	230.92	48

PRT - Private and Retail Fuel Storage Tanks

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
APOS CONVENIENCE LTD ANAND BANSAL	1000 CARP RD CARP ON	SE	212.43	44
APOS CONVENIENCE LTD	1000 CARP RD CARP ON	SE	212.43	44

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Hydro One Network Services Inc.	127 Lloydalex Cres, Stittsville Ottawa ON	ENE	59.01	2

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 35 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 con 2 ON ***Well ID:*** 1514045	N	33.97	1
	lot 1 con 2 ON ***Well ID:*** 1503046	SSE	79.52	7
	lot 1 con 3 ON ***Well ID:*** 1514095	SW	85.90	8
	lot 1 con 3 ON ***Well ID:*** 1503105	WSW	86.66	10
	lot 1 con 3 ON ***Well ID:*** 1515701	W	90.69	11

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 con 3 ON ***Well ID:*** 1503101	W	109.34	14
	lot 1 con 3 ON ***Well ID:*** 1515705	WNW	141.04	19
	lot 1 con 3 ON ***Well ID:*** 1503100	S	143.57	20
	6288 ROTHBOURN RD. lot 1 con 3 CARP ON ***Well ID:*** 1535454	S	146.38	22
	lot 1 con 3 ON ***Well ID:*** 1503102	WSW	152.85	26
	lot 1 con 2 ON ***Well ID:*** 1503047	WNW	174.07	30
	lot 1 con 2 ON ***Well ID:*** 1511445	NW	205.60	41
	lot 1 con 2 ON ***Well ID:*** 1503055	NW	209.14	42
	lot 1 con 3 ON ***Well ID:*** 1513334	SSW	234.09	50

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 con 2 ON ***Well ID:*** 1513299	SE	70.96	6
	lot 1 con 2 ON ***Well ID:*** 1503049	SE	95.08	12

lot 1 con 2 ON ***Well ID:*** 1513887	NNE	131.56	**16**
lot 1 con 2 ON ***Well ID:*** 1514315	ESE	134.18	**17**
lot 1 con 2 ON ***Well ID:*** 1512249	E	136.02	**18**
lot 1 con 2 ON ***Well ID:*** 1503054	NNW	143.67	**21**
lot 1 con 2 ON ***Well ID:*** 1503050	ENE	146.89	**23**
lot 1 con 2 ON ***Well ID:*** 1515281	SE	149.81	**25**
lot 1 con 2 ON ***Well ID:*** 1513884	N	157.85	**28**
lot 1 con 2 ON ***Well ID:*** 1514493	ESE	161.90	**29**
lot 1 con 2 ON ***Well ID:*** 1513885	N	178.95	**31**
lot 1 con 2 ON ***Well ID:*** 1513839	ENE	178.98	**32**
lot 1 con 2 ON ***Well ID:*** 1513378	ENE	189.08	**33**
lot 1 con 2 ON ***Well ID:*** 1513634	NE	190.11	**35**
lot 1 con 2 ON	NNE	190.40	**37**

Well ID: 1503052

lot 1 con 1 ON	NE	195.42	**38**

Well ID: 1513635

lot 1 con 2 ON	NNW	196.75	**39**

Well ID: 1514212

lot 1 con 2 ON	NNW	210.61	**43**

Well ID: 1513886

lot 1 con 2 ON	NNE	221.41	**45**

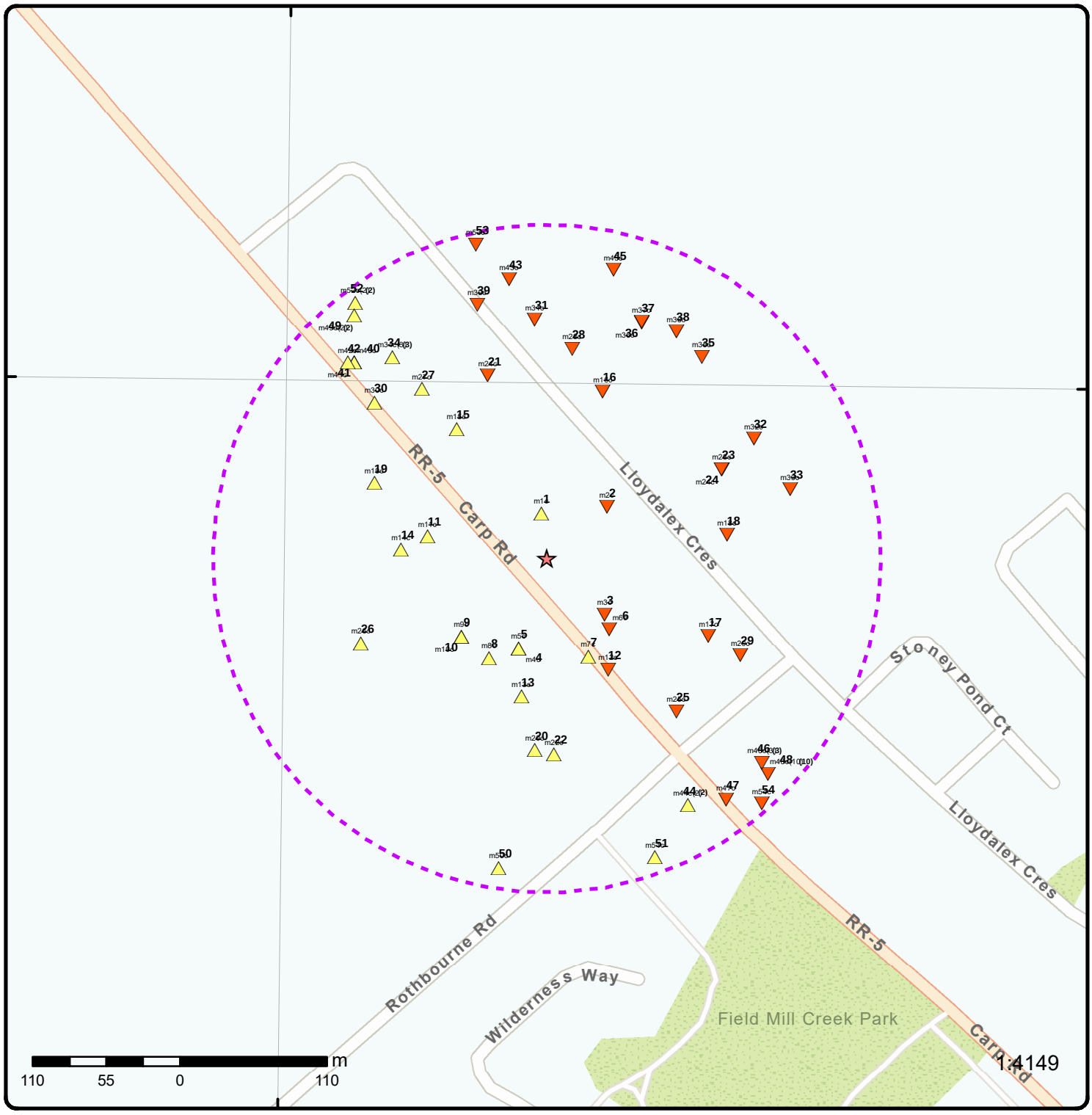
Well ID: 1519392

lot 1 con 2 ON	NNW	240.66	**53**

Well ID: 1513888

lot 23 con 12 ON	SE	243.86	**54**

Well ID: 1515752



Map: 0.25 Kilometer Radius

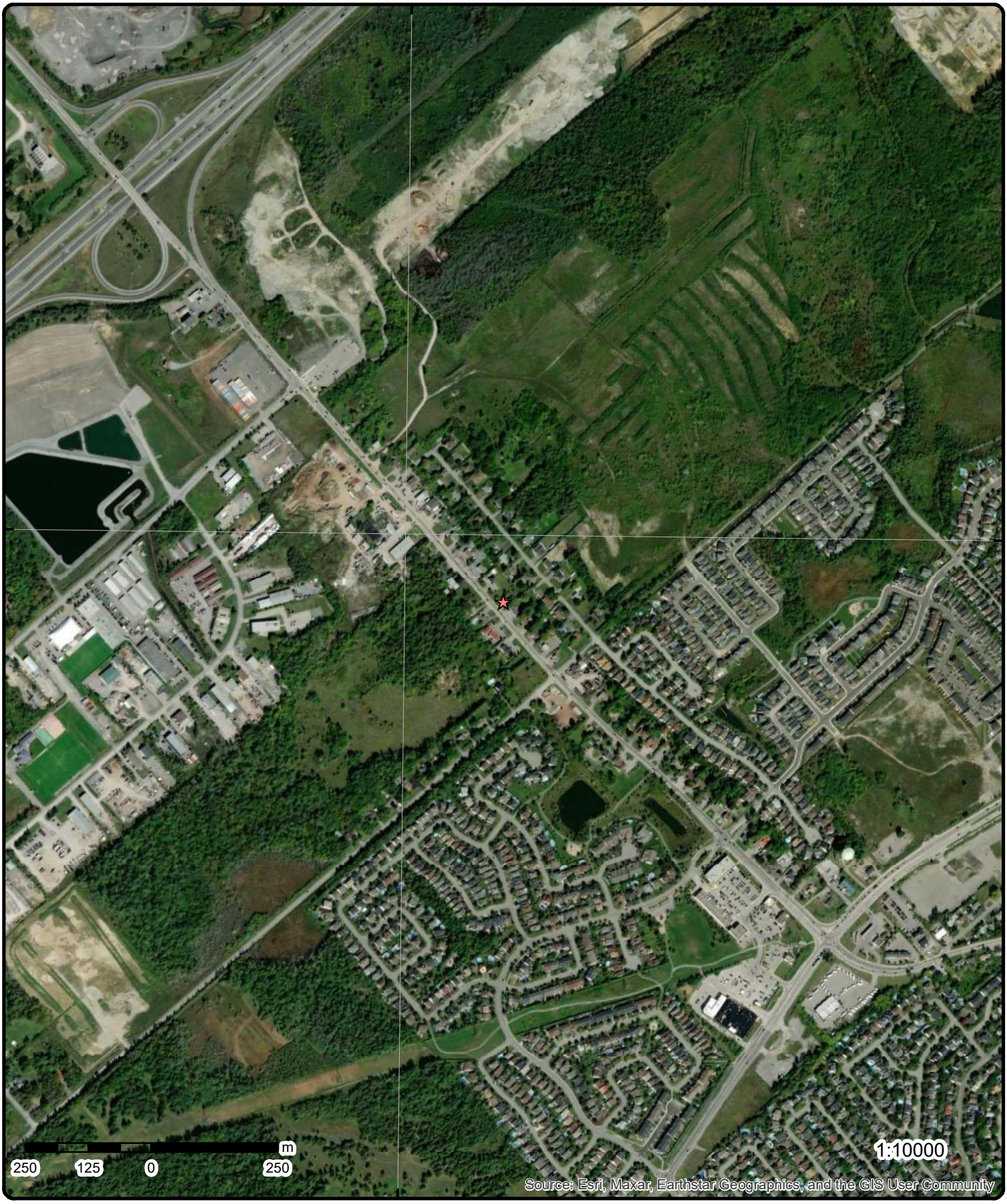
Order Number: 22051100538

Address: 2026 carp road, Carp, 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)

75°57'W

45°16'30"N



45°16'30"N

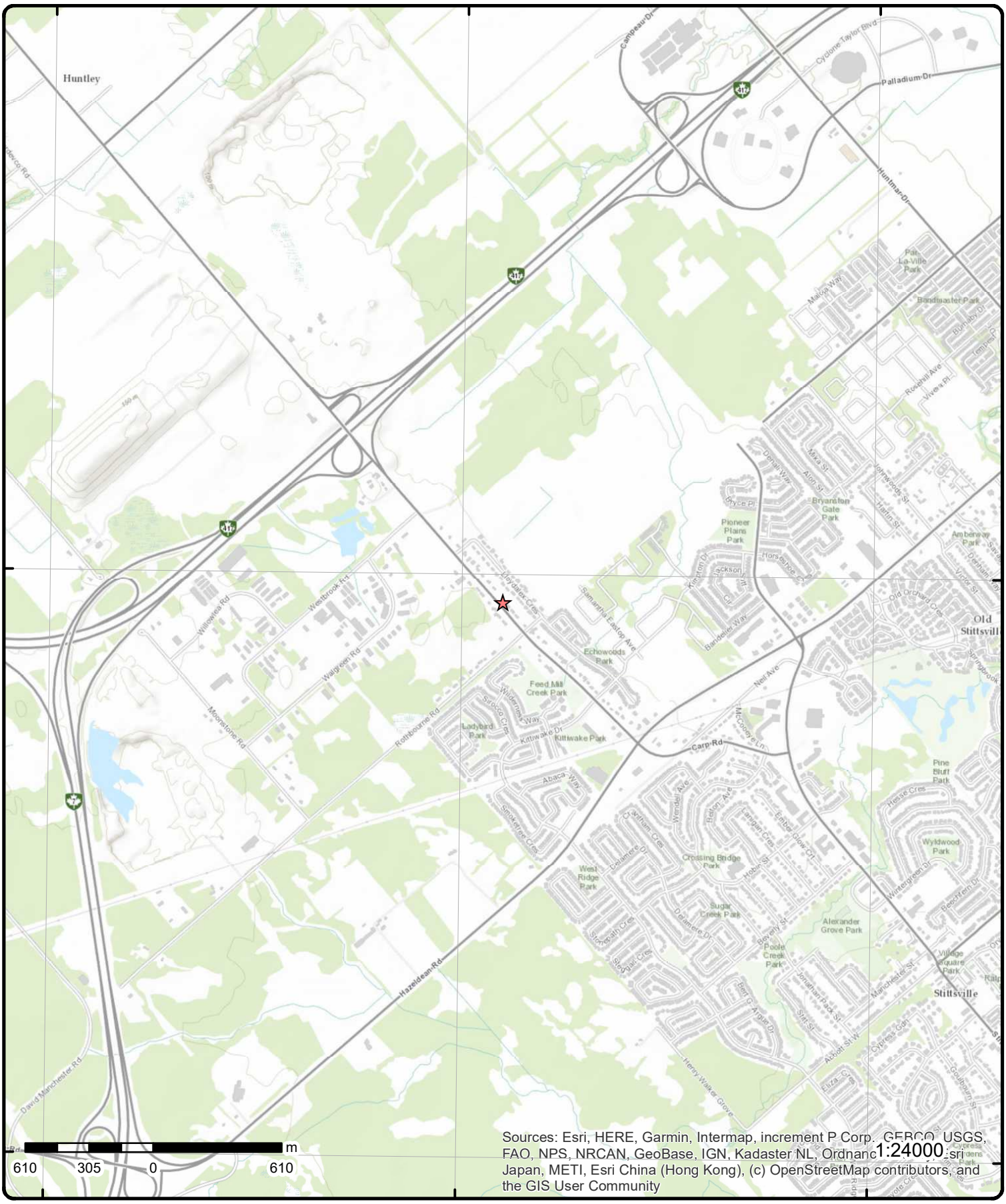
Aerial

Year: 2021

Order Number: 22051100538

Address: 2026 carp road, Carp, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22051100538

Address: 2026 carp road, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	N/34.0	123.2 / 1.30	lot 1 con 2 ON	WWIS

Well ID:	1514045	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/27/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3641
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514045.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/20
Year Completed:	1974
Depth (m):	18.288
Latitude:	45.2741194457917
Longitude:	-75.9475493552284
Path:	151\1514045.pdf

Bore Hole Information

Bore Hole ID:	10036027	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425675.60
Code OB Desc:		**North83:**	5013839.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Jan-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931025182
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025181
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514045
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10584597
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063646
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	27.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514045
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	30.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934641875
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381300
Test Type:	Draw Down
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099808
Test Type:	Draw Down
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899762
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933469825
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

2	***1 of 1***	***ENE/59.0***	***119.7 / -2.23***	***Hydro One Network Services Inc.*** ***127 Lloydalex Cres, Stittsville*** ***Ottawa ON***	***SPL***

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

Ref No:	8021-9XVHY5	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	6/26/2015	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Leak/Break	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:	26	**Nearest Watercourse:**	
Contaminant Name:	TRANSFORMER OIL (GT 50 PPM PCB)	**Site Address:**	127 Lloydalex Cres, Stittsville
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:	Land	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	N	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/27/2015	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	

Site Name: transformer residential <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Hydro One: PCB suspect, trnxf oil to grd, ctnd clng 15 L
Contaminant Qty: 15 L

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3 | ***1 of 1*** | ***SE/60.3*** | ***120.8 / -1.14*** | ***2016 Carp Road Carp ON K0A 1L0*** | ***EHS***

Order No:	21022200008	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	25-FEB-21	**Search Radius (km):**	.25
Date Received:	22-FEB-21	**X:**	-75.9469351
Previous Site Name:		**Y:**	45.2734424
Lot/Building Size:			

Additional Info Ordered: City Directory

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4 | ***1 of 1*** | ***SSW/70.1*** | ***124.4 / 2.49*** | ***UPPER CANOPY CORP 2021 CARP RD CARP ON K0A1L0*** | ***PES***

Detail Licence No:		**Operator Box:**	
Licence No:	06630	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Operator	**Oper Phone No:**	4450668
Licence Type Code:	02	**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 Link:			
PDF Site Location:			

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

5 | 1 of 1 | SSW/70.2 | 124.4 / 2.49 | 2021 Carp Road Ottawa ON Stittsville ON K2S 1B9 | EHS

Order No:	20190404036	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	09-APR-19	**Search Radius (km):**	.25
Date Received:	04-APR-19	**X:**	-75.947751
Previous Site Name:		**Y:**	45.273212
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

6 | 1 of 1 | SE/71.0 | 120.8 / -1.14 | lot 1 con 2 ON | WWIS

Well ID:	1513299	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/13/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513299.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/06/02
Year Completed:	1973
Depth (m):	21.336
Latitude:	45.2733418149278
Longitude:	-75.9468862314332
Path:	151\1513299.pdf

Bore Hole Information

Bore Hole ID:	10035286	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425726.60
Code OB Desc:		**North83:**	5013752.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	02-Jun-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931022962
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 44.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931022961
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 44.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513299
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10583856
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062516
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0

Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991513299
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934098995
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897006
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639108
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378527
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933468818
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 70.0
Water Found Depth UOM: ft

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7 | **1 of 1** | **SSE/79.5** | **122.6 / 0.63** | **lot 1 con 2 ON** | **WWIS**

Well ID:	1503046	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/17/1955
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4825
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503046.pdf

Additional Detail(s) (Map)

Well Completed Date:	1955/07/12
Year Completed:	1955
Depth (m):	20.7264
Latitude:	45.2731601185147
Longitude:	-75.9470871877383
Path:	150\1503046.pdf

Bore Hole Information

Bore Hole ID:	10025089	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425710.60
Code OB Desc:		**North83:**	5013732.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12-Jul-1955 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995866
Layer:	1
Color:	

General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995867
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503046
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573659
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042959
Layer: 3
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042958
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	44.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930042957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503046
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455888
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

8 | ***1 of 1*** | ***SW/85.9*** | ***125.8 / 3.85*** | ***lot 1 con 3 ON*** | ***WWIS***

Well ID:	1514095	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/13/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	03

Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514095.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/05/30
Year Completed:	1974
Depth (m):	27.432
Latitude:	45.2731432919657
Longitude:	-75.948030305987
Path:	151\1514095.pdf

Bore Hole Information

Bore Hole ID:	10036074	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425636.60
Code OB Desc:		**North83:**	5013731.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	30-May-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025303
Layer:	2
Color:	7
General Color:	RED
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	3.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025302
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND

Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025304
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 10.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025305
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961514095
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10584644
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063725
Layer: 2
Material: 4

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

Construction Record - Casing

Casing ID:	930063724
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	62.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514095
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	50.0
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:	934099841
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899795
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381333
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642326
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933469883
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.0
Water Found Depth UOM:	ft

9 ***1 of 1*** ***WSW/86.6*** ***128.0 / 6.06*** ***ON*** ***BORE***

Borehole ID:	609578	***Inclin FLG:***	No
OGF ID:	215511194	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	MAY-1968	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.273285
Total Depth m:	24.4	***Longitude DD:***	-75.9483
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	425616
Drill Method:		***Northing:***	5013747
Orig Ground Elev m:	131	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	130		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383559	***Mat Consistency:***	
Top Depth:	14	***Material Moisture:***	
Bottom Depth:	24.4	***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. 00073ISMIC VELOCITY = 3300. BEDROCK. SEISMIC VELOCITY = 11500. BEDROCK.		

Geology Stratum ID:	218383558	***Mat Consistency:***	
Top Depth:	9.1	***Material Moisture:***	
Bottom Depth:	14	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: GRAVEL.

Geology Stratum ID: 218383557
Top Depth: 0
Bottom Depth: 9.1
Material Color:
Material 1: Boulders
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BOULDERS,GRAVEL.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 02086 NTS_Sheet:
Confiden 1:

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

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

10	1 of 1	WSW/86.7	128.0 / 6.06	lot 1 con 3 ON	WWIS

Well ID: 1503105
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/3/1968
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3553
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503105.pdf

Additional Detail(s) (Map)

Well Completed Date:	1968/05/02
Year Completed:	1968
Depth (m):	24.384
Latitude:	45.2732850737293
Longitude:	-75.9483003885273
Path:	150\1503105.pdf

Bore Hole Information

Bore Hole ID:	10025148	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425615.60
Code OB Desc:		***North83:***	5013747.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	02-May-1968 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996020
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996021
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	46.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996022
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	46.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503105
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573718
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043063
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043062
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503105
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	44.0
Recommended Pump Depth:	55.0
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455958
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933455959
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	73.0
Water Found Depth UOM:	ft

---

11 | ***1 of 1*** | ***W/90.7*** | ***128.9 / 6.97*** | ***lot 1 con 3 ON*** | ***WWIS***

Well ID:	1515701	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/25/1976
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515701.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/10/04
Year Completed:	1976
Depth (m):	16.1544
Latitude:	45.2739574465607
Longitude:	-75.9486303076149
Path:	151\1515701.pdf

Bore Hole Information

Bore Hole ID:	10037646	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425590.60
Code OB Desc:		***North83:***	5013822.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	04-Oct-1976 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931029979
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029980
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	49.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029982
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE

Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 51.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931029981
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 49.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961515701
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10586216
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930066363
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 53.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930066362
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 52.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515701
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 45.0
Pumping Rate: 15.0
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: 934377642
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639164
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896645
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101289
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933471860
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 53.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	SE/95.1	121.8 / -0.16	lot 1 con 2 ON	WWIS

Well ID:	1503049	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/2/1961
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503049.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/09/27
Year Completed:	1961
Depth (m):	27.432
Latitude:	45.2730717013398
Longitude:	-75.9468944878827
Path:	150\1503049.pdf

Bore Hole Information

Bore Hole ID:	10025092	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425725.60
Code OB Desc:		**North83:**	5013722.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	27-Sep-1961 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995871
Layer:	1
Color:	
General Color:	
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	07
Mat3 Desc:	QUICKSAND
Formation Top Depth:	0.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995872
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503049
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573662
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930042964
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930042963
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55.0
Casing Diameter:	6.0

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503049
Pump Set At:	
Static Level:	16.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	70.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455891
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

---

13 ***1 of 1*** ***SSW/105.0*** ***125.5 / 3.58*** ***ON*** ***BORE***

Borehole ID:	609575	***Inclin FLG:***	No
OGF ID:	215511191	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	6.1	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.272885
Total Depth m:	-999	***Longitude DD:***	-75.94772
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	425661
Drill Method:		***Northing:***	5013702
Orig Ground Elev m:	129	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	129		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383549	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	

Material 2: **Geologic Group:**
Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: GRAVEL.

Geology Stratum ID: 218383550 **Mat Consistency:**
Top Depth: 3 **Material Moisture:**
Bottom Depth: 14.6 **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: 218383551 **Mat Consistency:**
Top Depth: 14.6 **Material Moisture:**
Bottom Depth: **Material Texture:**
Material Color: Black **Non Geo Mat Type:**
Material 1: Bedrock **Geologic Formation:**
Material 2: Limestone **Geologic Group:**
Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. STABLE AT 405.0 FEET.STONE. LIMESTONE. BLACK. 00070ITY = 22300.

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: OTTAWA1.txt RecordID: 020830 NTS_Sheet: 31G05D
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

14	1 of 1	W/109.3	128.9 / 6.94	lot 1 con 3 ON	WWIS

Well ID: 1503101 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Domestic **Date Received:** 8/27/1963
Sec. Water Use: 0 **Selected Flag:** TRUE
Final Well Status: Water Supply **Abandonment Rec:**
Water Type: **Contractor:** 1503
Casing Material: **Form Version:** 1
Audit No: **Owner:**
Tag: **Street Name:**
Construction Method: **County:** OTTAWA
Elevation (m): **Municipality:** HUNTLEY TOWNSHIP
Elevation Reliability: **Site Info:**

Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503101.pdf

Additional Detail(s) (Map)

Well Completed Date:	1963/07/10
Year Completed:	1963
Depth (m):	24.6888
Latitude:	45.2738653260715
Longitude:	-75.9488837484371
Path:	150\1503101.pdf

Bore Hole Information

Bore Hole ID:	10025144	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425570.60
Code OB Desc:		**North83:**	5013812.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10-Jul-1963 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996009
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996010
Layer:	2
Color:	
General Color:	

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 36.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503101
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573714
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043055
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 81.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043054
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503101
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 53.0
Recommended Pump Depth: 70.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455953
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933455954
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

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15 | ***1 of 1*** | ***NW/118.2*** | ***125.1 / 3.19*** | ***2046 Carp Rd Ottawa ON K0A1L0*** | ***EHS***

Order No:	20151221006	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	24-DEC-15	**Search Radius (km):**	.25
Date Received:	21-DEC-15	**X:**	-75.948367
Previous Site Name:		**Y:**	45.274682
Lot/Building Size:			
Additional Info Ordered:			

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16 | ***1 of 1*** | ***NNE/131.6*** | ***118.8 / -3.12*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1513887	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/14/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513887.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/24
Year Completed:	1974
Depth (m):	14.6304
Latitude:	45.2749433330676
Longitude:	-75.9469766121262
Path:	151\1513887.pdf

Bore Hole Information

Bore Hole ID:	10035869	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425721.60
Code OB Desc:		***North83:***	5013930.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	24-Jan-1974 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024709
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	24.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024708
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961513887
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584439
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063410
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

Construction Record - Casing

Casing ID:	930063411
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513887
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	35.0
Pumping Rate:	15.0
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:	934380734
Test Type:	Draw Down
Test Duration:	30

Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899197
Test Type: Draw Down
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099660
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641309
Test Type: Draw Down
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933469632
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35.0
Water Found Depth UOM: ft

Water Details

Water ID: 933469633
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.0
Water Found Depth UOM: ft

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17 | **1 of 1** | **ESE/134.2** | **120.3 / -1.61** | **lot 1 con 2 ON** | **WWIS**

Well ID: 1514315
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 10/15/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001

Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514315.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/09/10
Year Completed:	1974
Depth (m):	10.0584
Latitude:	45.2733046304634
Longitude:	-75.945942212213
Path:	151\1514315.pdf

Bore Hole Information

Bore Hole ID:	10036290	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425800.60
Code OB Desc:		**North83:**	5013747.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10-Sep-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025924
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025925
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	33.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514315
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584860
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064129
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	33.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930064128
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	32.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514315
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
Pumping Rate:	20.0
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:	934381933
Test Type:	Draw Down
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642922
Test Type:	Draw Down
Test Duration:	45
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100168
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900390
Test Type:	Draw Down
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

Water Details

Water ID:	933470169
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33.0
Water Found Depth UOM:	ft

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18 | ***1 of 1*** | ***E/136.0*** | ***118.7 / -3.26*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1512249	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/10/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	

Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512249.pdf

Additional Detail(s) (Map)

Well Completed Date:	1972/09/05
Year Completed:	1972
Depth (m):	19.5072
Latitude:	45.2739901286375
Longitude:	-75.9457751179956
Path:	151\1512249.pdf

Bore Hole Information

Bore Hole ID:	10034241	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425814.60
Code OB Desc:		**North83:**	5013823.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-Sep-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931020117
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	29.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931020116
Layer:	1
Color:	2
General Color:	GREY

Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961512249
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10582811
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930060730
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991512249
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 43.0
Recommended Pump Depth: 50.0
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: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934895375
Test Type: Draw Down
Test Duration: 60
Test Level: 43.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376886
Test Type: Draw Down
Test Duration: 30
Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097904
Test Type: Draw Down
Test Duration: 15
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647217
Test Type: Draw Down
Test Duration: 45
Test Level: 43.0
Test Level UOM: ft

Water Details

Water ID: 933467645
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 64.0
Water Found Depth UOM: ft

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19 | ***1 of 1*** | ***WNW/141.0*** | ***129.5 / 7.54*** | ***lot 1 con 3 ON*** | ***WWIS***

Well ID: 1515705
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/25/1976
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515705.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/10/12
Year Completed:	1976
Depth (m):	50.292
Latitude:	45.2743132203978
Longitude:	-75.9491461909069
Path:	151\1515705.pdf

Bore Hole Information

Bore Hole ID:	10037650	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425550.60
Code OB Desc:		***North83:***	5013862.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	12-Oct-1976 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931029991
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029995
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	165.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931029994
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	71
Mat2 Desc:	FRACTURED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	52.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029992
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029993
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515705
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10586220
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930066370
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930066371
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	165.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991515705
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	90.0
Recommended Pump Depth:	100.0
Pumping Rate:	9.0
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:	934639168
Test Type:	Draw Down
Test Duration:	45
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934101293
Test Type:	Draw Down
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934896649
Test Type:	Draw Down
Test Duration:	60
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377646
Test Type:	Draw Down
Test Duration:	30
Test Level:	90.0
Test Level UOM:	ft

Water Details

Water ID:	933471864
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933471865
Layer:	2
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	162.0
Water Found Depth UOM:	ft

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20 ***1 of 1*** ***S/143.6*** ***125.5 / 3.58*** ***lot 1 con 3 ON*** ***WWIS***

Well ID:	1503100	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/1/1963
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1503
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503100.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/11/30
Year Completed: 1962
Depth (m): 28.956
Latitude: 45.2725258707052
Longitude: -75.9475865771414
Path: 150\1503100.pdf

Bore Hole Information

Bore Hole ID: 10025143
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-Nov-1962 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425670.60
North83: 5013662.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930996006
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996008
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 36.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996007
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 36.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503100
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573713
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043052
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043053
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 95.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503100
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 45.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0

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:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455951
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933455952
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	94.0
Water Found Depth UOM:	ft

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21 **1 of 1** **NNW/143.7** **120.4 / -1.53** **lot 1 con 2 ON** **WWIS**

Well ID:	1503054	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/19/1967
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503054.pdf

Additional Detail(s) (Map)

Well Completed Date:	1967/07/29
Year Completed:	1967
Depth (m):	20.7264
Latitude:	45.2750422407909
Longitude:	-75.948074675491

Path: 150\1503054.pdf

Bore Hole Information

Bore Hole ID:	10025097	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425635.60
Code OB Desc:		**North83:**	5013942.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	29-Jul-1967 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995883
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995882
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503054
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

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

Pipe Information

Pipe ID: 10573667
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042974
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 68.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042973
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503054
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 54.0
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: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933455896
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

22	*1 of 1*	*S/146.4*	*124.2 / 2.27*	***6288 ROTHBOURN RD. lot 1 con 3 CARP ON***	***WWIS***

Well ID:	1535454	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	5/18/2005
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	3
Audit No:	Z27093	**Owner:**	
Tag:	A013643	**Street Name:**	6288 ROTHBOURN RD.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535454.pdf

Additional Detail(s) (Map)

Well Completed Date:	2005/04/18
Year Completed:	2005
Depth (m):	83.2
Latitude:	45.2725003927499
Longitude:	-75.9474025750168
Path:	153\1535454.pdf

Bore Hole Information

Bore Hole ID:	11315993	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425685.00
Code OB Desc:		**North83:**	5013659.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	18-Apr-2005 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932996372
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 14.619999885559082
Formation End Depth: 83.19999694824219
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996370
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3:
Mat3 Desc:
Formation Top Depth: 1.8200000524520874
Formation End Depth: 9.75
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996371
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 9.75
Formation End Depth: 14.619999885559082
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932996369
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 1.8200000524520874
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933268328
Layer: 1
Plug From: 10.65999984741211
Plug To: 0.0

Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933268327
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961535454
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11330848
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930855249
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 15.229999542236328
Depth To: 83.19999694824219
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 930855248
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.6000000238418579
Depth To: 15.229999542236328
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11345433
Pump Set At: 68.56999969482422
Static Level: 6.199999809265137
Final Level After Pumping: 16.3799991607666
Recommended Pump Depth: 45.709999084472656
Pumping Rate: 18.200000762939453
Flowing Rate:
Recommended Pump Rate: 18.200000762939453
Levels UOM: m

Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11379550
Test Type: Recovery
Test Duration: 50
Test Level: 6.849999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379553
Test Type: Draw Down
Test Duration: 40
Test Level: 9.989999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379563
Test Type: Recovery
Test Duration: 10
Test Level: 8.3100004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379551
Test Type: Draw Down
Test Duration: 50
Test Level: 10.010000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379561
Test Type: Draw Down
Test Duration: 60
Test Level: 10.020000457763672
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379564
Test Type: Draw Down
Test Duration: 10
Test Level: 9.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379552
Test Type: Recovery

Test Duration: 40
Test Level: 6.889999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379554
Test Type: Recovery
Test Duration: 30
Test Level: 6.989999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379556
Test Type: Recovery
Test Duration: 25
Test Level: 7.079999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379557
Test Type: Draw Down
Test Duration: 2
Test Level: 7.659999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379562
Test Type: Draw Down
Test Duration: 15
Test Level: 9.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379573
Test Type: Draw Down
Test Duration: 20
Test Level: 9.850000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379558
Test Type: Draw Down
Test Duration: 25
Test Level: 9.90999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379566
Test Type: Draw Down
Test Duration: 5
Test Level: 8.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379559
Test Type: Recovery
Test Duration: 20
Test Level: 7.21999979019165
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379548
Test Type: Recovery
Test Duration: 15
Test Level: 7.590000152587891
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379549
Test Type: Recovery
Test Duration: 1
Test Level: 13.989999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379555
Test Type: Draw Down
Test Duration: 30
Test Level: 9.949999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379560
Test Type: Draw Down
Test Duration: 1
Test Level: 7.210000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379567
Test Type: Recovery
Test Duration: 4
Test Level: 10.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379568
Test Type: Draw Down
Test Duration: 4
Test Level: 8.3100004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379572

Test Type: Recovery
Test Duration: 2
Test Level: 12.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379565
Test Type: Recovery
Test Duration: 5
Test Level: 10.109999656677246
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379569
Test Type: Recovery
Test Duration: 3
Test Level: 11.359999656677246
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379570
Test Type: Draw Down
Test Duration: 3
Test Level: 8.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11379571
Test Type: Recovery
Test Duration: 60
Test Level: 6.829999923706055
Test Level UOM: m

Water Details

Water ID: 934059678
Layer: 1
Kind Code:
Kind:
Water Found Depth: 64.91000366210938
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533472
Diameter: 15.550000190734863
Depth From: 15.229999542236328
Depth To: 83.19999694824219
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11533471
Diameter: 22.75
Depth From: 0.0

Depth To: 15.229999542236328
Hole Depth UOM: m
Hole Diameter UOM: cm

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23 **1 of 1** **ENE/146.9** **118.1 / -3.81** **lot 1 con 2 ON** **WWIS**

Well ID: 1503050
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/10/1962
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2621
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503050.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/02/24
Year Completed: 1962
Depth (m): 16.764
Latitude: 45.2744307193374
Longitude: -75.9458334326452
Path: 150\1503050.pdf

Bore Hole Information

Bore Hole ID: 10025093
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 24-Feb-1962 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425810.60
North83: 5013872.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930995875
Layer: 3

Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	36.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995874
Layer:	2
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	17
Mat3 Desc:	SHALE
Formation Top Depth:	20.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995873
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503050
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573663
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930042965
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930042966
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	55.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503050
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	45.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455892
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53.0
Water Found Depth UOM:	ft

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24 ***1 of 1*** ***ENE/146.9*** ***117.9 / -3.99*** ***ON*** ***BORE***

Borehole ID:	609580	***Inclin FLG:***	No
OGF ID:	215511196	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	FEB-1962	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	

Sec. Water Use:		**Latitude DD:**	45.274431
Total Depth m:	16.8	**Longitude DD:**	-75.945833
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	425811
Drill Method:		**Northing:**	5013872
Orig Ground Elev m:	120	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	119		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383563	**Mat Consistency:**	
Top Depth:	11	**Material Moisture:**	
Bottom Depth:	16.8	**Material Texture:**	
Material Color:	Black	**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. BLACK. 00053ITY = 3300. BEDROCK. SEISMIC VELOCITY = 11500. BEDROCK. SEISMIC V **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383561	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

Geology Stratum ID:	218383562	**Mat Consistency:**	
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:	11	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:	Shale	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,LIMESTONE,SHALE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02088 NTS_Sheet:		
Confiden 1:			

Source List

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

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

25 **1 of 1** **SE/149.8** **120.9 / -1.06** **lot 1 con 2 ON** **WWIS**

Well ID:	1515281	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/13/1976
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515281.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/02/26
Year Completed:	1976
Depth (m):	25.908
Latitude:	45.2727980812636
Longitude:	-75.9462397615556
Path:	151\1515281.pdf

Bore Hole Information

Bore Hole ID:	10037238	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425776.60
Code OB Desc:		**North83:**	5013691.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	26-Feb-1976 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931028750
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028751
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	5.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028752
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	30.0
Formation End Depth:	54.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028753
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	54.0

Formation End Depth: 85.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961515281
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10585808
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065757
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 56.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930065758
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 85.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515281
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 45.0
Recommended Pump Depth: 55.0
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:	934646306
Test Type:	Draw Down
Test Duration:	45
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895432
Test Type:	Draw Down
Test Duration:	60
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100090
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376429
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Water Details

Water ID:	933471335
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

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26 ***1 of 1*** ***WSW/152.8*** ***129.9 / 7.94*** ***lot 1 con 3 ON*** ***WWIS***

Well ID:	1503102	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/6/1964
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4824
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	

Flow Rate: **UTM Reliability:**
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503102.pdf

Additional Detail(s) (Map)

Well Completed Date: 1964/06/16
Year Completed: 1964
Depth (m): 27.432
Latitude: 45.2732321301693
Longitude: -75.9492556549869
Path: 150\1503102.pdf

Bore Hole Information

Bore Hole ID: 10025145 **Elevation:**
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 18
Code OB: **East83:** 425540.60
Code OB Desc: **North83:** 5013742.00
Open Hole: **Org CS:**
Cluster Kind: **UTMRC:** 5
Date Completed: 16-Jun-1964 00:00:00 **UTMRC Desc:** margin of error : 100 m - 300 m
Remarks: **Location Method:** p5
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930996012
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 39.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996013
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:

Formation Top Depth:	39.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996011
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503102
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573715
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043057
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043056
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	39.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503102
Pump Set At:	
Static Level:	32.0
Final Level After Pumping:	38.0
Recommended Pump Depth:	60.0
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:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455955
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

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27 ***1 of 1*** ***NW/157.7*** ***126.2 / 4.27*** ***T G CARROLL CARTAGE LTD***
2054 CARP RD
CARP ON K0A 1L0 ***EASR***

Approval No:	R-004-1509798018	***MOE District:***	Ottawa
Status:	REGISTERED	***Municipality:***	CARP
Date:	2015-06-10	***Latitude:***	45.275
Record Type:	EASR	***Longitude:***	-75.94861111
Link Source:	MOFA	***Geometry X:***	
Project Type:	Waste Management System	***Geometry Y:***	
Full Address:			
Approval Type:	EASR-Waste Management System		
SWP Area Name:	Mississippi Valley		
PDF URL:			
PDF Site Location:			

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28 ***1 of 1*** ***N/157.9*** ***119.0 / -2.94*** ***lot 1 con 2***
ON ***WWIS***

Well ID:	1513884	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/14/1974
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	

Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513884.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/22
Year Completed:	1974
Depth (m):	33.528
Latitude:	45.2752289099182
Longitude:	-75.9472745913224
Path:	151\1513884.pdf

Bore Hole Information

Bore Hole ID:	10035866	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425698.60
Code OB Desc:		**North83:**	5013962.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	22-Jan-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024702
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024703
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513884
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10584436
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063405
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930063404
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

Pump Test ID: 991513884
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934099657
Test Type: Draw Down
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380731
Test Type: Draw Down
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899194
Test Type: Draw Down
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641306
Test Type: Draw Down
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933469626
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

Water Details

Water ID: 933469627
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 107.0
Water Found Depth UOM: ft

29 ***1 of 1*** ***ESE/161.9*** ***119.8 / -2.09*** ***lot 1 con 2 ON*** ***WWIS***

Well ID: 1514493
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Data Entry Status:
Data Src: 1
Date Received: 1/29/1975
Selected Flag: TRUE
Abandonment Rec:

Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514493.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/11/02
Year Completed:	1974
Depth (m):	11.8872
Latitude:	45.2731811602535
Longitude:	-75.9456341937004
Path:	151\1514493.pdf

Bore Hole Information

Bore Hole ID:	10036466	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425824.60
Code OB Desc:		**North83:**	5013733.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	02-Nov-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931026395
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	39.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514493
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585036
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064447
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514493
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934100326
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382508
Test Type:	Draw Down
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

Water Details

Water ID:	933470372
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.0
Water Found Depth UOM:	ft

30 | ***1 of 1*** | ***WNW/174.1*** | ***127.9 / 5.99*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1503047	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/25/1960
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503047.pdf

Additional Detail(s) (Map)

Well Completed Date:	1960/09/08
Year Completed:	1960
Depth (m):	15.24
Latitude:	45.2748532357177
Longitude:	-75.9491551936363
Path:	150\1503047.pdf

Bore Hole Information

Bore Hole ID:	10025090	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425550.60
Code OB Desc:		***North83:***	5013922.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08-Sep-1960 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995868
Layer:	1
Color:	
General Color:	
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503047
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573660
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930042960
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	47.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933325864
Layer:	1
Slot:	018
Screen Top Depth:	46.0
Screen End Depth:	50.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	991503047
Pump Set At:	
Static Level:	37.0
Final Level After Pumping:	46.0

Recommended Pump Depth:	48.0
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:	1
Pumping Duration HR:	5
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455889
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

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31 | ***1 of 1*** | ***N/179.0*** | ***118.9 / -3.03*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1513885	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/14/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513885.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/23
Year Completed:	1974
Depth (m):	22.2504
Latitude:	45.2754239545239
Longitude:	-75.947634812383
Path:	151\1513885.pdf

Bore Hole Information

Bore Hole ID:	10035867	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18

Code OB:		***East83:***	425670.60
Code OB Desc:		***North83:***	5013984.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Jan-1974 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024704
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024705
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513885
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584437
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063407
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	73.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063406
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513885
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	65.0
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934641307
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380732
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099658

Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899195
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

Water Details

Water ID:	933469629
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933469628
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35.0
Water Found Depth UOM:	ft

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32 ***1 of 1*** ***ENE/179.0*** ***117.9 / -4.06*** ***lot 1 con 2 ON*** ***WWIS***

Well ID:	1513839	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/11/1974
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513839.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/07/20
Year Completed:	1973
Depth (m):	16.764

Latitude:	45.2746402587083
Longitude:	-75.9455309387069
Path:	151\1513839.pdf

Bore Hole Information

Bore Hole ID:	10035821	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425834.60
Code OB Desc:		**North83:**	5013895.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Jul-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024617
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024616
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513839
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10584391
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063333
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513839
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	25.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934380274
Test Type:	Draw Down
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641266
Test Type:	Draw Down
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898737
Test Type:	Draw Down
Test Duration:	60

Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099617
Test Type: Draw Down
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933469574
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 6.0
Water Found Depth UOM: ft

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33 | 1 of 1 | ENE/189.1 | 117.9 / -4.06 | lot 1 con 2 ON | WWIS

Well ID: 1513378
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/13/1973
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 1973/06/01
Year Completed: 1973
Depth (m): 7.0104
Latitude: 45.2743010975878
Longitude: -75.9451810862383
Path:

Bore Hole Information

Bore Hole ID: 10035364
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation:
Elevrc:
Zone: 18
East83: 425861.60
North83: 5013857.00

Open Hole:
Cluster Kind:
Date Completed: 01-Jun-1973 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931023212
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513378
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10583934
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062630
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: 930062631
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	23.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513378
Pump Set At:	
Static Level:	4.0
Final Level After Pumping:	9.0
Recommended Pump Depth:	20.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934378604
Test Type:	Draw Down
Test Duration:	30
Test Level:	9.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639599
Test Type:	Draw Down
Test Duration:	45
Test Level:	9.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897070
Test Type:	Draw Down
Test Duration:	60
Test Level:	9.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099212
Test Type:	Draw Down
Test Duration:	15
Test Level:	9.0
Test Level UOM:	ft

Water Details

Water ID:	933468919
Layer:	1
Kind Code:	1

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

Kind: FRESH
Water Found Depth: 23.0
Water Found Depth UOM: ft

---

34 **1 of 3** **NW/190.0** **126.8 / 4.87** **RON MOORE EQUIPMENT LTD. 33-670** **GEN**
2060 CARP ROAD PO BOX 507
STITTSVILLE ON K2S 1B9

Generator No: ON1304700
SIC Code: 4214
SIC Description: EXCAVAT. & GRADING
Approval Years: 94,95,96
PO Box No:
Country:

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

Detail(s)

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

---

34 **2 of 3** **NW/190.0** **126.8 / 4.87** **RON MOORE EQUIPMENT LTD** **FSTH**
2060 CARP RD
STITTSVILLE ON

License Issue Date: 7/10/2002
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 4770
Tank Fuel Type: Liquid Fuel Double Wall AST - Diesel

Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 4770
Tank Fuel Type: Liquid Fuel Double Wall AST - Diesel

---

34 **3 of 3** **NW/190.0** **126.8 / 4.87** **RON MOORE EQUIPMENT LTD** **FSTH**
2060 CARP RD
STITTSVILLE ON

License Issue Date: 7/10/2002
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 4770
Tank Fuel Type: Liquid Fuel Double Wall AST - Diesel

Status:	Active
Year of Installation:	2001
Corrosion Protection:	
Capacity:	4770
Tank Fuel Type:	Liquid Fuel Double Wall AST - Diesel

35 | 1 of 1 | NE/190.1 | 117.0 / -4.93 | lot 1 con 2 ON | WWIS

Well ID:	1513634	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/10/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513634.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/11/13
Year Completed:	1973
Depth (m):	19.812
Latitude:	45.2751851577216
Longitude:	-75.9460372025029
Path:	151\1513634.pdf

Bore Hole Information

Bore Hole ID:	10035618	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425795.60
Code OB Desc:		**North83:**	5013956.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	13-Nov-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024021
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024020
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024019
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513634
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584188
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930063007
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:	930063008
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513634
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	45.0
Recommended Pump Depth:	50.0
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:	934379668
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934640662
Test Type:	Draw Down
Test Duration:	45
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898136
Test Type:	Draw Down
Test Duration:	60
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099431
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.0
Test Level UOM:	ft

Water Details

Water ID:	933469278
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933469277
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

---

36 ***1 of 1*** ***NNE/190.4*** ***117.2 / -4.76*** ***ON*** ***BORE***

Borehole ID:	609584	***Inclin FLG:***	No
OGF ID:	215511200	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1968	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.275414
Total Depth m:	27.4	***Longitude DD:***	-75.946614
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	425751
Drill Method:		***Northing:***	5013982
Orig Ground Elev m:	118	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	118		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383569	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	

Bottom Depth:	8.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,BOULDERS.		

Geology Stratum ID:	218383570	**Mat Consistency:**	
Top Depth:	8.5	**Material Moisture:**	
Bottom Depth:	27.4	**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE,SAND. 00077079 BLACK. 00053ITY = 3300. BEDROCK. SEISMIC VELOCITY = 11500.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02092 NTS_Sheet:		
Confiden 1:			

Source List

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

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37 | ***1 of 1*** | ***NNE/190.4*** | ***117.2 / -4.76*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1503052	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/15/1968
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503052.pdf

Additional Detail(s) (Map)

Well Completed Date: 1968/06/21
Year Completed: 1968
Depth (m): 27.432
Latitude: 45.2754144113098
Longitude: -75.9466147229585
Path: 150\1503052.pdf

Bore Hole Information

Bore Hole ID: 10025095
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Jun-1968 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425750.60
North83: 5013982.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930995878
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995879
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 10
Mat2 Desc: COARSE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 90.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503052
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573665
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042969
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042970
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503052
Pump Set At:
Static Level: 17.0
Final Level After Pumping: 24.0
Recommended Pump Depth: 60.0
Pumping Rate: 15.0
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: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID:	933455894
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	77.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 1	NE/195.4	116.9 / -5.06	lot 1 con 1 ON	WWIS

Well ID:	1513635	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/10/1973
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513635.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/11/13
Year Completed:	1973
Depth (m):	27.432
Latitude:	45.275354156142
Longitude:	-75.9462822440005
Path:	151\1513635.pdf

Bore Hole Information

Bore Hole ID:	10035619	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425776.60
Code OB Desc:		**North83:**	5013975.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	13-Nov-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931024022
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024023
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024024
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513635
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584189
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930063009
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:	930063010
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513635
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	70.0
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:	934099432
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379669
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898137
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934640663
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933469280
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933469279
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

---

39 | ***1 of 1*** | ***NNW/196.8*** | ***120.2 / -1.70*** | ***lot 1 con 2 ON*** | ***WWIS***

Well ID:	1514212	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/12/1974
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514212.pdf

Additional Detail(s) (Map)

Well Completed Date: 1974/06/01
Year Completed: 1974
Depth (m): 19.812
Latitude: 45.2755184077804
Longitude: -75.948184598259
Path: 151\1514212.pdf

Bore Hole Information

Bore Hole ID: 10036189
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01-Jun-1974 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425627.60
North83: 5013995.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931025605
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 26.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025604
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961514212
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10584759
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063929
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991514212
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0
Pumping Rate: 15.0
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: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934099105
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900306
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934642420
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934381846
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933470036
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

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40 | **1 of 1** | **NW/205.6** | **127.2 / 5.26** | **ON** | **BORE**

Borehole ID: 609583
OGF ID: 215511199
Status:
Type: Borehole
Use:
Completion Date: JUL-1971
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 24.1
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 128
Elev Reliabil Note:
DEM Ground Elev m: 128
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.275121
Longitude DD: -75.94935
UTM Zone: 18
Easting: 425536
Northing: 5013952
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218383567
Top Depth: 0
Bottom Depth: 11.3
Material Color: Brown
Material 1: Sand
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND,GRAVEL. BROWN.

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

Geology Stratum ID: 218383568
Mat Consistency:

Top Depth:	11.3	**Material Moisture:**	
Bottom Depth:	24.1	**Material Texture:**	
Material Color:	Black	**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. 00079 BLACK. 00053ITY = 3300. BEDROCK. SEISMIC VELOCITY = 11500. BE **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02091 NTS_Sheet:		
Confiden 1:			

Source List

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

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41 | **1 of 1** | **NW/205.6** | **127.2 / 5.26** | **lot 1 con 2 ON** | **WWIS**

Well ID:	1511445	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/8/1971
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511445.pdf

Additional Detail(s) (Map)

Well Completed Date:	1971/07/21
Year Completed:	1971
Depth (m):	24.0792

Latitude:	45.2751216646511
Longitude:	-75.9493496298706
Path:	151\1511445.pdf

Bore Hole Information

Bore Hole ID:	10033440	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425535.70
Code OB Desc:		**North83:**	5013952.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	21-Jul-1971 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931017731
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931017732
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961511445
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10582010
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930059381
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	39.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930059382
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	79.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991511445
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	60.0
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:	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:	934643951
Test Type:	Draw Down
Test Duration:	45
Test Level:	56.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934901289
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934098108
Test Type: Draw Down
Test Duration: 15
Test Level: 42.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382372
Test Type: Draw Down
Test Duration: 30
Test Level: 49.0
Test Level UOM: ft

Water Details

Water ID: 933466593
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 79.0
Water Found Depth UOM: ft

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42 | **1 of 1** | **NW/209.1** | **127.2 / 5.26** | **lot 1 con 2 ON** | **WWIS**

Well ID: 1503055
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/15/1968
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3503
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 001
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503055.pdf

Additional Detail(s) (Map)

Well Completed Date: 1968/04/26
Year Completed: 1968

Depth (m): 30.48
Latitude: 45.2751211348129
Longitude: -75.9494133663685
Path: 150\1503055.pdf

Bore Hole Information

Bore Hole ID: 10025098
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-Apr-1968 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425530.70
North83: 5013952.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930995885
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995884
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503055
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573668
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042976
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042975
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503055
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 85.0
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: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933455897
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	NNW/210.6	118.9 / -3.03	lot 1 con 2 ON	WWIS

Well ID:	1513886	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/14/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513886.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/23
Year Completed:	1974
Depth (m):	22.2504
Latitude:	45.2756919522887
Longitude:	-75.9478815079595
Path:	151\1513886.pdf

Bore Hole Information

Bore Hole ID:	10035868	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425651.60
Code OB Desc:		**North83:**	5014014.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	23-Jan-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024707
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931024706
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513886
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10584438
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063409
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 73.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930063408
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

Pump Test ID: 991513886
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 65.0
Pumping Rate: 7.0
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: 934099659
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641308
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899196
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380733
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933469630
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 30.0
Water Found Depth UOM: ft

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

Water Details

Water ID:	933469631
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	1 of 2	SE/212.4	122.9 / 0.94	APOS CONVENIENCE LTD 1000 CARP RD CARP ON	PRT

Location ID:	2805
Type:	retail
Expiry Date:	1990-06-30
Capacity (L):	2000
Licence #:	0033366001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	2 of 2	SE/212.4	122.9 / 0.94	APOS CONVENIENCE LTD ANAND BANSAL 1000 CARP RD CARP ON	PRT

Location ID:	2805
Type:	retail
Expiry Date:	1996-04-30
Capacity (L):	0
Licence #:	0051651001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
45	1 of 1	NNE/221.4	117.3 / -4.64	lot 1 con 2 ON	WWIS

Well ID:	1519392	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/3/1984
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519392.pdf

Additional Detail(s) (Map)

Well Completed Date:	1984/10/25
Year Completed:	1984

Depth (m): 15.24
Latitude: 45.2757632022753
Longitude: -75.946888255839
Path: 151\1519392.pdf

Bore Hole Information

Bore Hole ID: 10041262
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 25-Oct-1984 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 425729.60
North83: 5014021.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931041550
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Mat2 Desc: LAYERED
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931041549
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519392
Method Construction Code: 5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589832
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072042
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: 930072043
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519392
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 30.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934893525
Test Type: Draw Down
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934108049
Test Type:	Draw Down
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382786
Test Type:	Draw Down
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652201
Test Type:	Draw Down
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933476366
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45.0
Water Found Depth UOM:	ft

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46 ***1 of 3*** ***ESE/221.9*** ***120.8 / -1.12*** ***HORSE WORLD INC.***
1017 CARP RD
STITTSVILLE ON K2S1B9 ***PES***

Detail Licence No:		***Operator Box:***	
Licence No:	11074	***Operator Class:***	
Status:		***Operator No:***	
Approval Date:		***Operator Type:***	
Report Source:	Legacy Licenses (Excluding TS)	***Oper Area Code:***	613
Licence Type:	Retail Vendor Class 03	***Oper Phone No:***	8361845
Licence Type Code:	21	***Operator Ext:***	
Licence Class:	03	***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 Link:			
PDF Site Location:			

---

46 ***2 of 3*** ***ESE/221.9*** ***120.8 / -1.12*** ***HORSE WORLD INC.***
1017 CARP RD
STITTSVILLE ON K2S1B9 ***PES***

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

Detail Licence No:	23-01-11074-0	**Operator Box:**	
Licence No:	11074	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	8361845
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	4
Longitude:		**Operator District:**	2
Lot:		**Operator County:**	15
Concession:		**Op Municipality:**	
Region:	4	**Post Office Box:**	
District:	2	**MOE District:**	
County:	15	**SWP Area Name:**	
Trade Name:			
PDF Link:			
PDF Site Location:			

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46 | ***3 of 3*** | ***ESE/221.9*** | ***120.8 / -1.12*** | ***Kodiak Snowblowing and Lawncare, Inc.***
1017B Carp Rd.
Stittsville ON K2S 1B9 | ***GEN***

Generator No:	ON3104642	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)

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47 | ***1 of 1*** | ***SE/225.0*** | ***121.9 / -0.06*** | ***Kodiak Snowblowing and Lawncare, Inc.***
1017B Carp Rd.
Stittsville ON K2S 1B9 | ***GEN***

Generator No:	ON3104642	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Feb 2022	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants

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48 | ***1 of 10*** | ***SE/230.9*** | ***120.8 / -1.12*** | ***HORSE WORLD INC.***
1017 CARP ROAD
STITTSVILLE ON K2S 1B9 | ***PES***

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

Detail Licence No:	23-01-11074-0	**Operator Box:**	
Licence No:	11074	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	4
Longitude:		**Operator District:**	2
Lot:		**Operator County:**	15
Concession:		**Op Municipality:**	
Region:	4	**Post Office Box:**	
District:	2	**MOE District:**	
County:	15	**SWP Area Name:**	
Trade Name:			
PDF Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	2 of 10	SE/230.9	120.8 / -1.12	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S 1B9	PES

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:	23	**Operator Ext:**	
Licence Class:		**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 Link:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	3 of 10	SE/230.9	120.8 / -1.12	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S 1B9	PES

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	

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

Region: ***Post Office Box:***
District: ***MOE District:***
County: ***SWP Area Name:***
Trade Name:
PDF Link:
PDF Site Location:

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48 ***4 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON

Generator No: ON3104642 ***Status:***
SIC Code: 811310 ***Co Admin:***
SIC Description: Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance ***Choice of Contact:***
Approval Years: 2012 ***Phone No Admin:***
PO Box No: ***Contam. Facility:***
Country: ***MHSW Facility:***

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48 ***5 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON

Generator No: ON3104642 ***Status:***
SIC Code: 811310 ***Co Admin:***
SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE ***Choice of Contact:***
Approval Years: 2013 ***Phone No Admin:***
PO Box No: ***Contam. Facility:***
Country: ***MHSW Facility:***

Detail(s)

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

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48 ***6 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON K2S 1B9

Generator No: ON3104642 ***Status:***
SIC Code: 811310 ***Co Admin:*** Jean-Paul Giasson
SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE ***Choice of Contact:*** CO_OFFICIAL
Approval Years: 2016 ***Phone No Admin:*** 613-591-6078 Ext.
PO Box No: ***Contam. Facility:*** No
Country: Canada ***MHSW Facility:*** No

Detail(s)

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

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48 ***7 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.

Stittsville ON K2S 1B9

Generator No:	ON3104642	***Status:***	
SIC Code:	811310	***Co Admin:***	Jean-Paul Giasson
SIC Description:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2015	***Phone No Admin:***	613-591-6078 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

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

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48 ***8 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON K2S 1B9

Generator No:	ON3104642	***Status:***	
SIC Code:	811310	***Co Admin:***	Jean-Paul Giasson
SIC Description:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2014	***Phone No Admin:***	613-591-6078 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

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

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48 ***9 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON K2S 1B9

Generator No:	ON3104642	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Dec 2018	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:	Canada	***MHSW Facility:***	

Detail(s)

Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants

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48 ***10 of 10*** ***SE/230.9*** ***120.8 / -1.12*** ***Kodiak Snowblowing and Lawncare, Inc.*** ***GEN***
1017B Carp Rd.
Stittsville ON K2S 1B9

Generator No:	ON3104642	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Jul 2020	***Phone No Admin:***	

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

PO Box No: | **Contam. Facility:**
Country: Canada | **MHSW Facility:**

Detail(s)

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

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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49 | **1 of 2** | **NW/232.0** | **125.6 / 3.66** | **RON MOORE EQUIPMENT LTD**
2060 CARP ROAD
STITTSVILLE ON K2S 1A6 | **GEN**

Generator No: ON1304700 | **Status:**
SIC Code: 4214 | **Co Admin:**
SIC Description: EXCAVAT. & GRADING | **Choice of Contact:**
Approval Years: 92,93,97,98 | **Phone No Admin:**
PO Box No: | **Contam. Facility:**
Country: | **MHSW Facility:**

Detail(s)

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

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49 | **2 of 2** | **NW/232.0** | **125.6 / 3.66** | **RON MOORE EQUIPMENT LTD.**
2060 CARP ROAD
STITTSVILLE ON K2S 1A6 | **GEN**

Generator No: ON1304700 | **Status:**
SIC Code: 4214 | **Co Admin:**
SIC Description: EXCAVAT. & GRADING | **Choice of Contact:**
Approval Years: 99,00,01,02,03,04 | **Phone No Admin:**
PO Box No: | **Contam. Facility:**
Country: | **MHSW Facility:**

Detail(s)

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

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50 | **1 of 1** | **SSW/234.1** | **125.8 / 3.91** | **lot 1 con 3**
ON | **WWIS**

Well ID: 1513334 | **Data Entry Status:**
Construction Date: | **Data Src:** 1
Primary Water Use: Domestic | **Date Received:** 8/13/1973
Sec. Water Use: 0 | **Selected Flag:** TRUE
Final Well Status: Water Supply | **Abandonment Rec:**
Water Type: | **Contractor:** 1558
Casing Material: | **Form Version:** 1
Audit No: | **Owner:**
Tag: | **Street Name:**
Construction Method: | **County:** OTTAWA
Elevation (m): | **Municipality:** HUNTLEY TOWNSHIP
Elevation Reliability: | **Site Info:**
Depth to Bedrock: | **Lot:** 001
Well Depth: | **Concession:** 03
Overburden/Bedrock: | **Concession Name:** CON

Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513334.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/07/11
Year Completed:	1973
Depth (m):	14.6304
Latitude:	45.2717309915037
Longitude:	-75.9479175528815
Path:	151\1513334.pdf

Bore Hole Information

Bore Hole ID:	10035321	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425643.60
Code OB Desc:		**North83:**	5013574.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Jul-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931023061
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	26.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023060
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11

Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513334
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10583891
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062564
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930062563
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991513334
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 40.0
Pumping Rate: 20.0
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: 934639556
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099030
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378561
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897027
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933468859
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

Water Details

Water ID: 933468860
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.0
Water Found Depth UOM: ft

51 | ***1 of 1*** | ***SSE/237.4*** | ***123.5 / 1.51*** | ***ON*** | ***BORE***

Borehole ID: 609572
OGF ID: 215511188
Status:
Type: Borehole
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No

Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	6.1	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.271816
Total Depth m:	-999	**Longitude DD:**	-75.946427
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	425761
Drill Method:		**Northing:**	5013582
Orig Ground Elev m:	129	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	125		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383543	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	13.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,SAND.		

Geology Stratum ID:	218383544	**Mat Consistency:**	
Top Depth:	13.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 405.0 FEET.STONE. LIMESTONE. BLACK. 00070ITY = 22300.		

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: OTTAWA1.txt RecordID: 020800 NTS_Sheet: 31G05D		
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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	1 of 2	NW/239.2	125.6 / 3.66	RON MOORE EQUIPMENT LTD 2060 CARP RD CARP K0A 1L0 ON CA ON	FST

Instance No:	11678379	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Double Wall Horizontal AST	**Fuel Type2:**	NULL
Install Date:	7/10/2002	**Fuel Type3:**	NULL
Install Year:	2001	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	4770	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Painted	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 2060 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: RON MOORE EQUIPMENT LTD
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	2 of 2	NW/239.2	125.6 / 3.66	RON MOORE EQUIPMENT LTD 2060 CARP RD CARP K0A 1L0 ON CA ON	FST

Instance No:	11678401	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Double Wall Horizontal AST	**Fuel Type2:**	NULL
Install Date:	7/10/2002	**Fuel Type3:**	NULL
Install Year:	2001	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	4770	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Painted	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 2060 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: RON MOORE EQUIPMENT LTD
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	1 of 1	NNW/240.7	119.0 / -2.89	lot 1 con 2 ON	WWIS

Well ID:	1513888	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/14/1974
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513888.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/01/24
Year Completed:	1974
Depth (m):	33.528
Latitude:	45.2759233134652
Longitude:	-75.948204091209
Path:	151\1513888.pdf

Bore Hole Information

Bore Hole ID:	10035870	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	425626.60
Code OB Desc:		**North83:**	5014040.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Jan-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024710
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13

Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931024711
Layer: 2
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513888
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10584440
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063413
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930063412
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

Pump Test ID:	991513888
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	75.0
Recommended Pump Depth:	75.0
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934641310
Test Type:	Draw Down
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380735
Test Type:	Draw Down
Test Duration:	30
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899198
Test Type:	Draw Down
Test Duration:	60
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099661
Test Type:	Draw Down
Test Duration:	15
Test Level:	75.0
Test Level UOM:	ft

Water Details

Water ID:	933469635
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	107.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933469634
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

54 | ***1 of 1*** | ***SE/243.9*** | ***121.9 / -0.06*** | ***lot 23 con 12 ON*** | ***WWIS***

Well ID:	1515752	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/9/1976
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	023
Well Depth:		***Concession:***	12
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515752.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/11/24
Year Completed:	1976
Depth (m):	37.4904
Latitude:	45.2721838190535
Longitude:	-75.9454136550997
Path:	151\1515752.pdf

Bore Hole Information

Bore Hole ID:	10037696	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	425840.60
Code OB Desc:		***North83:***	5013622.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	24-Nov-1976 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931030133
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030135
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	41.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030134
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	41.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515752
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10586266

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930066437
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930066438
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515752
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
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: 934378101
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897104
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934639205
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934101330
Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Water Details

Water ID:	933471916
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	116.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 13 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Part of Lot 23, Concession 12	Ottawa ON	
CONV	West Carleton Sand & Gravel Inc.	Rothbourne Road.	Ottawa ON	
EBR	Thomas Cavanagh Construction Limited,	Pt. Lot 22, Conc. VII, geographic Township of Goulbourn CITY OF OTTAWA	ON	
GEN	INTERPROVINCIAL PAVING CO. LTD. 21-324	ROTHBOURNE RD. CON.4,LOT 1, W. CARLETON C/O 98 BAYSWATER AVE.	OTTAWA ON	K1Y 2G1
GEN	INTERPROVINCIAL PAVING CO. LTD.	ROTHBOURNE RD. CON.4,LOT 1, W. CARLETON C/O 98 BAYSWATER AVE.	OTTAWA ON	K1Y 2G1
GEN	HUISSON AVIATION (1989) LIMITED	HUISSON HANGAR CARP AIRPORT OFF CARP ROAD	CARP ON	
GEN	HELICOPTER TRANSPORT SERVICES (CANADA)	HUISSON HANGAR CARP AIRPORT OFF CARP ROAD	CARP ON	
GEN	HELICOPTER TRANSPORT SERVICES (CAN) INC.	HUISSON HANGAR CARP AIRPORT OFF CARP ROAD	CARP ON	
GEN	OTTAWA-CARLTON (OUT OF BUSINESS)	REGIONAL ROAD #5 AT STITTSVILLE VILLAGE	OTTAWA ON	
PTTW	Thomas Cavanagh Construction Limited	Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City CITY OF OTTAWA	ON	
RSC		Part Lot 23, Township of Gloucester	Ottawa ON	
RSC		Part Lot 23	Ottawa ON	
SPL		Carp Road (between Hazeldean and Stittsville Main), Stittsville	Ottawa ON	

Unplottable Report

Site:
Part of Lot 23, Concession 12 Ottawa ON

Database: CA

Certificate #:	7710-4YQSAU
Application Year:	01
Issue Date:	9/7/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	G. Lemay Construction (1998) Inc.
Client Address:	5330 Chemin Canotek, Suite 8
Client City:	Ottawa
Client Postal Code:	K1J 9C2
Project Description:	Construction of Stormwater Management Facility to service the Eco Woods Subdivision
Contaminants:	
Emission Control:	

Site: ***West Carleton Sand & Gravel Inc.***
Rothbourne Road. Ottawa ON

Database: CONV

File No:	102002	***Location:***	
Crown Brief No:		***Region:***	
Court Location:		***Ministry District:***	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			

Description:
West Carleton Sand & Gravel Inc. has been fined $4,000, plus a victim fine surcharge, after pleading guilty to a violation of the Environmental Protection Act (EPA). West Carleton Sand & Gravel Inc. owns a hot mix asphalt plant in Ottawa on Rothbourne Road. The company has a Certificate of Approval (C of A) for the operation. The Court heard that on September 15, 2004, a routine ministry inspection of the asphalt plant revealed that the company had installed a dual fuel burner that burned both natural gas and oil as fuel for the plant. The plant's C of A was based on the use of an oil burner only. West Carelton was instructed to apply to the ministry for an amendment to its C of A. However, a follow-up inspection conducted by the ministry revealed that the duel fuel burner was still in use, and that the company had not applied for an amendment to its C of A. Following an investigation conducted by the ministry's Investigations and Enforcement Branch, charges were laid. West Carleton Sand & Gravel pleaded guilty to one count of altering plant equipment in a way that could cause the discharge of a contaminant into the natural environment, without a C of A, contrary to section 9(1)(a) of the EPA. The company was fined $4,000.

Background:
URL:

Additional Details

Publication Date:	
Count:	1
Act:	EPA
Regulation:	
Section:	9(1)(a)
Act/Regulation/Section:	EPA- -9(1)(a)
Date of Offence:	
Date of Conviction:	
Date Charged:	7/13/2006

Charge Disposition: Fine, victim fine surcharge
Fine: $4,000
Synopsis:

Site: ***Thomas Cavanagh Construction Limited,***
Pt. Lot 22, Conc. VII, geographic Township of Goulbourn CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: IB02E3073
Ministry Ref No: FSD - KEM 06/02
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 15, 2006
Proposal Date: November 14, 2002
Year: 2002
Instrument Type: (ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan
Off Instrument Name:
Posted By:
Company Name: Thomas Cavanagh Construction Limited,
Site Address:
Location Other:
Proponent Name:
Proponent Address: RR 2, Ashton Ontario, K0A 1B0
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Pt. Lot 22, Conc. VII, geographic Township of Goulbourn CITY OF OTTAWA

Site: ***INTERPROVINCIAL PAVING CO. LTD. 21-324***
ROTHBOURNE RD. CON.4,LOT 1, W. CARLETON C/O 98 BAYSWATER AVE. OTTAWA ON K1Y 2G1

Database: ***GEN***

Generator No: ON0102610
SIC Code: 4216
SIC Description: ASPHALT PAVING
Approval Years: 92,93,94,95,96,97
PO Box No:
Country:

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: ***INTERPROVINCIAL PAVING CO. LTD.***
ROTHBOURNE RD. CON.4,LOT 1, W. CARLETON C/O 98 BAYSWATER AVE. OTTAWA ON K1Y 2G1

Database: ***GEN***

Generator No: ON0102610
SIC Code: 4216
SIC Description: ASPHALT PAVING
Approval Years: 88,89
PO Box No:
Country:

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: ***HUISSON AVIATION (1989) LIMITED***
HUISSON HANGAR CARP AIRPORT OFF CARP ROAD CARP ON

Database: ***GEN***

Generator No: ON0847901
SIC Code: 4512

Status:
Co Admin:

SIC Description: NON-SCHED. A.T.-CHAR
Approval Years: 94,95,96,97
PO Box No:
Country:

Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Site: ***HELICOPTER TRANSPORT SERVICES (CANADA)***
HUISSON HANGAR CARP AIRPORT OFF CARP ROAD CARP ON

Database: ***GEN***

Generator No: ON0847901
SIC Code: 4512
SIC Description: NON-SCHED. A.T.-CHAR.
Approval Years: 98
PO Box No:
Country:

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

Detail(s)

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

Site: ***HELICOPTER TRANSPORT SERVICES (CAN) INC.***
HUISSON HANGAR CARP AIRPORT OFF CARP ROAD CARP ON

Database: ***GEN***

Generator No: ON0847901
SIC Code: 4512
SIC Description: NON-SCHED. A.T.-CHAR.
Approval Years: 99,00,01,02,03,04
PO Box No:
Country:

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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

Site: ***OTTAWA-CARLTON (OUT OF BUSINESS)***
REGIONAL ROAD #5 AT STITTSVILLE VILLAGE OTTAWA ON

Database: ***GEN***

Generator No: ON0303102
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.
Approval Years: 98
PO Box No:
Country:

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Site: ***Thomas Cavanagh Construction Limited***
Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No:	011-8982	***Decision Posted:***	
Ministry Ref No:	0555-96NLGZ	***Exception Posted:***	
Notice Type:	Instrument\sDecision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	June\s18,\s2013	***Act 2:***	
Proposal Date:	April\s29,\s2013	***Site Location Map:***	
Year:	2013		
Instrument Type:	(OWRA\ss.\s34)\s-\sPermit\sto\sTake\sWater		
Off Instrument Name:			
Posted By:			
Company Name:	Thomas\sCavanagh\sConstruction\sLimited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	9094\sHwy\s7\sHighway,\sRural\sRoute\sDelivery\s2,\sAshton\sOntario,\sCanada\sK0A\s1B0		
Comment Period:			
URL:			

Site Location Details:

Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City CITY OF OTTAWA

Site:
Part Lot 23, Township of Gloucester Ottawa ON

Database: ***RSC***

RSC ID:		***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:		***Intended Prop Use:***	
Curr Property Use:		***Qual Person Name:***	
Ministry District:	Ottawa	***Stratified (Y/N):***	
Filing Date:	07/05/01	***Audit (Y/N):***	
Date Ack:		***Entire Leg Prop. (Y/N):***	
Date Returned:	07/23/01	***Accuracy Estimate:***	
Restoration Type:		***Telephone:***	
Soil Type:		***Fax:***	
Criteria:		***Email:***	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:	DST Consulting Engineers Inc.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

Site:
Part Lot 23 Ottawa ON

Database: ***RSC***

RSC ID:		***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:		***Intended Prop Use:***	
Curr Property Use:		***Qual Person Name:***	
Ministry District:	Ottawa	***Stratified (Y/N):***	N
Filing Date:	07/05/01	***Audit (Y/N):***	
Date Ack:	08/14/01	***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:	Generic	***Telephone:***	
Soil Type:	Medium/Fine	***Fax:***	

Criteria:	Res/parkland + Nonpotable	***Email:***	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:	DST Consulting Engineers Inc.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

Site: ***Database:*** ***SPL***

Carp Road (between Hazeldean and Stittsville Main), Stittsville Ottawa ON

Ref No:	4602-9PMMJY	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/10/06	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown / N/A	***Sector Type:***	Sewer (Private or Municipal)
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	MOTOR OIL	***Site Address:***	Carp Road (between Hazeldean and Stittsville Main), Stittsville
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/10/06	***Site Map Datum:***	
Dt Document Closed:	2014/11/03	***SAC Action Class:***	Land Spills
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	Sanitary sewer<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Stittsville, motor oil in sewer, city investigating source		
Contaminant Qty:	0 other - see incident description		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Sep 30, 2021

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 2019

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Sep 30, 2021

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 -Nov 2021

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-Jan 2022

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Apr 30, 2022

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Apr 30, 2022

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Feb 28, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Apr 30, 2022

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Mar 31, 2022

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Apr 30, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Mar 31, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Sep 30, 2021

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

Samuel Berube, B. Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Junior Environmental Engineer

EDUCATION

University of Guelph, B.Eng., 2019
Environmental Engineering

EXPERIENCE

2019 – Present
Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Junior Environmental Engineer

2018
Health Canada FNIHB
Proposal and Final Design Review
Student Engineer

SELECT LIST OF PROJECTS

Phase I and II – ESA Reports – Various Sites - Ottawa
Large Scale Remediation Program – Caivan Residential Development
National Capital Region (CSA Z768-01 & MECP)
Remediation Programs – Various Sites - Ottawa
Designated Substance Surveys – Various Sites – Ottawa
Geotechnical Investigations – Various Sites
Subgrade Reviews – Various Sites – Ottawa
Density Testing – Residential and Commercial Sites – Ottawa
Bearing Surface Investigations – Various Sites - Ottawa

Mark S. D'Arcy, P. Eng.

patersongroup

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

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present
Paterson Group Inc.
Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa