PATERSON GROUP

Phase I – Environmental Site Assessment

3725 Carp Road

Ottawa, Ontario

Prepared for Karson Konstruction

Report: PE2001-2
January 30, 2023

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Karson Konstruction to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 3725 Carp Road, Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the eastern portion of the Phase I Property was first developed for residential purposes sometime prior to the 1940's. A vehicle and equipment maintenance garage was later constructed in the northwestern portion of the property sometime in the 1970's, as part of a construction contractor's business, which operated until circa 2015 when it was then demolished along with the aforementioned residential dwellings.

Previous environmental investigative work conducted by Paterson in 2010 and Amec Foster Wheeler in 2015 identified pockets of contaminated soil on the Phase I Property, primarily resulting from the historical presence and operation of former on-site UST and AST fuelling stations as well as the presence of poor quality fill material resulting from the demolition of the former on-site residential dwellings. An environmental remediation program was successfully carried out by Amec Foster Wheeler in 2016 to excavate and remove the petroleum hydrocarbon impacted soil from the former UST and AST refuelling station areas, however, other pockets of contaminated soil are still known to remain on-site. Furthermore, it should be noted that no groundwater assessment was carried out as part of the 2015 subsurface investigation.

Historically, properties within the Phase I Study Area were used for a combination of residential, commercial retail/office, and agricultural purposes. Historical records identified the presence of an off-site auto service garage and retail fuel outlet to the north Phase I Property.

Presently, the Phase I Property is vacant and no potential environmental concerns were identified with respect to the current use of the property.

The surrounding lands in the Phase I Study Area largely consist of residential, commercial, and agricultural properties. No potential environmental concerns were identified with respect to the current use of the surrounding lands.

Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the Phase I Property.**

1.0 INTRODUCTION

At the request of Karson Konstruction, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 3725 Carp Road, in the City of Ottawa, Ontario, (Phase I Property). The purpose of this Phase I ESA has been to research the past and current use of the Phase I Property, as well as the neighbouring properties within a 250 m study area (Phase I Study Area), to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Cris Karson of Metrocity Commercial Property Group, who's offices can be reached by telephone at 613-733-9494.

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

This Phase I ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O. Reg.) 153/04, as amended under the Environmental Protection Act, and CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information, as well as a cursory review made at the time of the field assessment. The historical research relies upon information supplied by others, such as local, provincial, and federal agencies, and was limited within the scope-of-work, time, and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	3725 Carp Road, Ottawa, Ontario.
Location:	The Phase I Property is located on the west side of Carp Road, approximately 100 m south of Donald B. Munro Drive, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.
PIN #:	04543-0159.
Latitude and Longitude:	45° 20’ 36" N, 76° 02' 06" W.

Site Description:

Configuration:	Irregular.
Area:	1.96 hectares (approximately).
Zoning:	VM – Village Mixed-Use Zone.
Current Use:	The Phase I Property is currently vacant land.
Services:	The Phase I Property does not currently contain any municipal or private sewer or water services. The surrounding area is partially serviced with municipal sewer and water infrastructure, though some potable drinking water wells are anticipated to remain within the area.

3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities occurring on the Phase I Property and in the Phase I Study Area by conducting a review of readily available records, reports, photographs, plans, mapping information, databases, and regulatory agencies;
- Investigate the existing conditions present on the Phase I Property and in the Phase I Study Area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property and, if warranted, the neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements O. Reg. 153/04, as amended under the Environmental Protection Act, and in compliance with the requirements of CSA Z768-01 (reaffirmed 2022);
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was deemed appropriate for defining the study area for this assignment, herein referred to as the Phase I Study Area. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant separation distances.

First Developed Use Determination

Based on a review of available historical information, the Phase I Property was first developed with residential dwellings sometime prior to the 1940's.

Fire Insurance Plans

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

City of Ottawa Street Directories

City of Ottawa street directories are not available for the general area of the Phase I Property.

Plan of Survey

A plan of survey was not available for review as part of this assessment.

Chain of Title

A chain of title was not requested as part of this assessment.

4.2 Environmental Source Information

National Pollutant Release Inventory

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

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

MECP Coal Gasification Plant Inventory

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

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

MECP Waste Disposal Site Inventory

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

A review of this document did not identify any former waste disposal sites situated 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 Phase I Property.

A response from the MECP had not been received by our firm prior to the issuance of this report.

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 Phase I Property.

A response from the MECP had not been received by our firm prior to the issuance of this report.

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 Phase I Property.

A response from the MECP had not been received by our firm prior to the issuance of this report.

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 Phase I Property or any of the neighbouring properties.

A response from the MECP had not been received by our firm prior to the issuance of this report.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2022.

A review of the registry did not identify any RSCs in the database as having been filed for the Phase I Property, however, one was identified for an off-site property situated within the Phase I Study Area:

- RSC #211467 – 135 & 141 Rivington Street (230 m east of Phase I Property)

According to the RSC document, filed in 2013 by Houle Chevrier Engineering Ltd., all soil and groundwater test results complied with the applicable MECP site specific standards, and no remedial action was required to be undertaken.

Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Ontario Inventory of PCB Storage Sites, April 1995"* was reviewed as part of this assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

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

OMNRF Areas of Natural and Scientific Interest (ANSI)

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

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

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically on January 19, 2023, as part of this assessment, to inquire about current and former fuel storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties within the Phase I Study Area.

The response from the TSSA indicated that no records were identified associated with the Phase I Property or any of the immediately adjacent properties within the Phase I Study Area.

A copy of the correspondence with the TSSA is included 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. This document identifies the details and locations of all recorded active and closed landfill sites situated in the City of Ottawa.

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

City of Ottawa Historical Land Use Inventory (HLUI) Database

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

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

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated January 13, 2023, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area.

The complete ERIS report has been included in Appendix 2.

❑ On-Site Records:

The ERIS report identified 28 records associated with the Phase I Property. The majority of these records pertain to a private fuel outlet historically present on the property, including multiple aboveground and underground fuels storage tanks. Other records identified in the report pertain to the generation of various classes of waste products, including light fuels, petroleum distillates, as well as waste oils and lubricants. These waste products were likely generated as a result of on-site vehicle maintenance and repair operations within the former vehicle garage.

❑ Off-Site Records:

The ERIS report identified 143 records associated with the properties situated within the Phase I Study Area. Many of the records identified in the report are associated with multiple domestic water wells installed within the general vicinity of the Phase I Property. Other records pertain to the generation of several classes of waste products from commercial businesses present along Carp Road and Donald B. Munro Drive, including small quantities of waste oil and lubricants, paints and pigments, light fuels, and pathological wastes. Due to the low quantities generated, these off-site waste generators are not considered to pose an environmental concern to the Phase I Property.

The remaining off-site records are listed for properties which are situated at a significant distance from the subject site, or are situated in a down-gradient or cross-gradient orientation with respect to the known groundwater flow to the south, and thus are not considered to pose an environmental concern to the Phase I Property.

Previous Engineering Reports

The following reports were reviewed prior to carrying out this assessment.

- ❑ "Phase I – Environmental Site Assessment, 3711-3725 Carp Road, Ottawa, Ontario", prepared by Paterson Group, dated September 29, 2010.

It should be noted that this assessment was completed to the requirements of the CSA Z768-01 Standard.

The historical research indicated that the northwestern portion of the property was developed with a maintenance garage building circa 1974, while the eastern portion of the property had been occupied by residential dwellings since at least the 1940's. A number of aboveground and underground fuel storage tanks were identified on the property, which were determined to be associated with an on-site private fuel outlet used by a former construction company.

The neighbouring properties were historically used for residential, commercial office and/or retail businesses, and agricultural land.

A Phase II ESA was recommended and subsequently carried out to address environmental concerns arising from the presence and operation of the on-site private fuel outlet and maintenance garage.

- ❑ "Phase II – Environmental Site Assessment, 3711-3725 Carp Road, Ottawa, Ontario", prepared by Paterson Group, dated November 18, 2010.

It should be noted that this assessment was completed to the requirements of the CSA Z769-00 Standard.

As part of the subsurface investigation, eleven (11) boreholes were drilled on the property, to a maximum depth of approximately 9.0 m below ground surface. Upon completion, three (3) of the boreholes were instrumented with groundwater monitoring wells to access the groundwater table.

In general, the soil profile encountered at the borehole locations consisted of fill material, underlain by silty clay and silty sand and gravel. Bedrock was not confirmed in any of the boreholes during the field program.

The soil and groundwater samples analyzed were compared to the applicable 2009 MOE Table 3 Commercial Standards, with the exception of those analyzed from within the 30 m buffer zone of the Carp River, located adjacent to the west of the property. Being considered an environmentally sensitive area, the samples analyzed from this zone were instead compared to the applicable 2009 MOE Table 1 Background Standards.

Five (5) soil samples were submitted for laboratory analysis of volatile organic compounds (VOCs); benzene, toluene, ethylbenzene, and xylenes (BTEX); as well as petroleum hydrocarbons, fractions 1 through 4 (PHCs F_1-F_4). Based on the analytical test results, the concentrations of several BTEX and PHC parameters identified in BH3 and BH7 were found to exceed the selected standards. The results also exceed the contemporary 2011 MECP Table 2 Coarse-Grained Residential Soil Standards, including the PHC parameters also identified in BH4 which, being located within the environmentally sensitive buffer zone, exceed the more stringent MECP Table 8 Soil Standards.

Three (3) groundwater samples were submitted for laboratory analysis of PHC and VOC parameters. Based on the analytical test results, the concentrations of several PHC parameters identified in BH4, located within the environmentally sensitive buffer zone, were found to exceed the selected standards.

The results also exceed the contemporary 2011 MECP Table 8 Potable Groundwater Standards.

Based on the findings of the assessment, it was Paterson's opinion that the property had been impacted as a result of the presence and operation of a private fuel outlet on-site. It was recommended that an environmental remediation program be carried out for the property at the time of future redevelopment.

- ❑ "Preliminary Phase II – Environmental Site Assessment, 3725 Carp Road, Ottawa, Ontario", prepared by Amec Foster Wheeler, dated November 2015.

A preliminary Phase II ESA was undertaken to address the following APECs identified on the property:

- APEC 1: Former underground fuel storage tanks and pump island, associated with a former private fuel outlet located in the western portion of the site.
- APEC 2: Former aboveground fuel storage tanks and pump island, associated with a former private fuel outlet located in the central portion of the site.
- APEC 3: Former vehicle and machinery maintenance, associated with a former garage building located in the northwestern portion of the site.
- APEC 4: Fill material of unknown quality, associated with the demolition and infilling of the former residential dwellings in the eastern portion of the site.
- APEC 5: Fill material of unknown quality, associated with the infilling and grade-raising of low-lying areas in the southern portion of the site.
- APEC 6: Former septic system, associated with the inadvertent discharge of fuel and/or chemical impacted wash water from the garage building in the northwestern portion of the site.
- APEC 7: Existing railway line, associated with the off-site spur line adjacent to the north of the site.
- APEC 8: Former vehicle maintenance, associated with a former off-site garage building to the north of the site at 421 Donald B. Munro Drive.
- APEC 9: Former service station, associated with a former off-site garage building to the north of the site at 421 Donald B. Munro Drive.
- APEC 10: Former pesticide storage, associated with a former pesticide vendor to the north of the site at 405 Donald B. Munro Drive.

As part of the subsurface investigation, twenty-three (23) test pits were excavated across the property to a maximum depth of approximately 2.9 m below ground surface.

In general, the soil profile encountered at the test pit locations consisted of surficial asphalt pavement and associated granular base or grass sod and topsoil overlying mixed fill consisting of sand to sandy loam, underlain by clay and/or silty clay with fine grained sand.

Fill was encountered at all test pit locations, with greater fill thickness generally found within the footprint of former on-site structures as well as within the southern portion of the site where fill had been placed to reclaim low-lying areas along the Carp River. Groundwater was observed entering the test pits at depths ranging from approximately 1.1 m to 2.4 m below ground surface.

Petroleum hydrocarbon staining and odours were noted in the soil from test pits excavated in the area of the former UST and AST refueling stations. Fill material containing demolition debris (metal, brick, glass, porcelain, ash, and cinders) was observed within the southern and western portions of the site, as well as within the eastern portion of the site in the footprints of the former on-site residential dwellings. Phase separated liquid petroleum hydrocarbons and iridescent sheens were observed at several test pit locations, specifically within the former UST and AST locations.

Sixteen (16) soil samples were submitted for laboratory analysis of VOCs, BTEX, PHCs F_1-F_4, metals, and polycyclic aromatic hydrocarbon (PAH) parameters. Based on the analytical test results, BTEX and/or PHC impacted soil was identified within the former UST and AST locations at concentrations exceeding the selected MECP Table 2 Commercial Soil Standards as well as the more stringent MECP Table 8 Soil Standards (where appropriate within the 30 m buffer zone with the Carp River). A concentration of 1,1,2-trichloroethylene exceeding the MECP Table 2 and Table 8 Standards was also identified within the area of the former AST refueling station in the centre of the property. Metal and/or PAH impacted fill material was also identified within six test pit locations, particularly those placed within the former UST nest in the western portion of the site, as well as within the footprints of the former on-site residential dwellings in the eastern portion of the site.

It should be noted that no groundwater analysis was conducted as part of this assessment.

- ❑ "Supplemental Test Pit Investigation, 3725 Carp Road, Ottawa, Ontario", prepared by Amec Foster Wheeler, dated July 2016.

A supplemental test pit investigation was carried out for the property to further delineate the horizontal extent of the contaminated soil identified from the previously discussed 2015 Phase II ESA.

An additional fifteen (15) test pits were excavated across the property, particularly within the areas of environmental concern as previously identified. Representative soil samples were submitted for laboratory analysis of PHCs F_1-F_4, metals, and PAH parameters. Based on the analytical test results, the areas of soil contamination were revised to reflect the new data.

It should be noted that no groundwater analysis was conducted as part of this assessment.

- "Remediation of Petroleum Hydrocarbon Impacted Soil, 3725 Carp Road, Ottawa, Ontario", prepared by Amec Foster Wheeler, dated November 2016.

Based on the findings of the preliminary and supplemental test pit programs, two areas of PHC impacted soil were identified within the areas of the former UST and AST refueling stations in the western and central portions of the site, respectively.

In total, approximately 1,027 tonnes of impacted soil were removed from the property and disposed of at a licensed waste disposal site. Confirmatory soil analysis indicated that the remaining subsurface soils were in compliance with the selected MECP Table 2 or Table 8 Soil Standards, where appropriate.

Following the excavation of impacted soil, both excavations were backfilled using a basal layer of six-inch or greater sized rock and river stone, overlain with fine to medium grained sand.

It should be noted that other areas of metal and/or PAH impacted soil still remain on-site and were not addressed during this remediation program.

4.3 Physical Setting Sources

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

1946	The Phase I Property appears to be occupied by several residential dwellings at this time, located in the eastern portion of the site and fronting Carp Road, while the remainder of the property is largely vacant or used for agricultural purposes. The surrounding lands appear to be predominantly used for residential and agricultural purposes, though some commercial retail businesses are expected to be present to the north along Carp Road.
1955	*(Poor Quality)* No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
1967	No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.
1976	The western portion of the Phase I Property appears to be occupied by a commercial building (suspected vehicle maintenance garage). No significant changes are apparent with respect to the surrounding lands since the time of the previous photograph.
1991	An addition appears to have been constructed onto the eastern half of the aforementioned garage, while the southern and eastern portions of the property appear to be infilled with fill material for grading purposes. No significant changes are apparent with respect to the surrounding lands since the time of the previous photograph.
2002	An addition appears to have been constructed onto the western half of the aforementioned garage, while an aboveground fuel storage tank fueling station can also be seen in the central portion of the Phase I Property, to the southeast of the service garage building. No significant changes are apparent with respect to the surrounding lands since the time of the previous photograph.
2011	No significant changes are apparent with respect to the Phase I Property or the surrounding lands since the time of the previous photograph.

2021 The Phase I Property appears to be vacant at this time, with all aforementioned buildings and structures demolished. No significant changes are apparent with respect to the surrounding lands since the time of the previous photograph.

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

Geological Maps

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

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Verulam Formation, while the surficial geology consists largely of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 25 m to 50 m.

Water Bodies

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is the Carp River, located immediately to the south.

Topographic Maps

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment.

The topographic map indicates that the general elevation of the Phase I Property is approximately 95 m above sea level, while the regional topography within the greater area is depicted as sloping downwards to the south, in the general direction of the Carp River.

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

Physiographic Maps

A physiographic map was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as a part of this assessment.

According to the publication and available mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: *"…the lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets."* The Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

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 49 well records within the Phase I Study Area. These records pertain to wells installed between 1954 and 2019 and used for either domestic household or groundwater observation purposes. Despite the availability of some municipal sewer and water infrastructure, some potable drinking water wells are anticipated to still remain within the area.

According to the well records, the overburden stratigraphy in the vicinity of the Phase I Property generally consists of sandy silty and gravel. Bedrock consisting of limestone, was generally encountered at a depth of approximately 30 m below ground surface. A select number of the aforementioned well records have been included in Appendix 2.

5.0 INTERVIEWS

Property Owner Representative

Mr. Cris Karson, the current property owner, was contacted via email to respond to questioning about the environmental history of the Phase I Property.

According to Mr. Karson, the Phase I Property was historically used for residential purposes, until developed with an construction contractor's equipment maintenance garage sometime in the 1970's and. The garage operated until circa 2015 when it was then demolished along with the residential dwellings fronting Carp Road. Mr. Karson stated that an environmental remediation program was previously carried out for the Phase I Property to address areas of petroleum hydrocarbon impacted soil identified on-site.

Mr. Karson stated that he was unaware of any potential environmental concerns pertaining to the current use of the Phase I Property or any of the neighbouring properties.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was conducted for the Phase I Property on January 11, 2023, between 9:00 AM and 10:00 AM. Weather conditions were cloudy, with a temperature of approximately -10°C.

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

6.2 Specific Observations at the Phase I Property

Site Description

The Phase I Property is currently vacant, with the exception of a small storage shed at the rear (south) end of the property, and consists largely of open land with some brush and immature trees along the southern property boundary.

The site topography is relatively flat, while the regional topography appears to slope down towards the south, in the general direction of the Carp River. The Phase I Property is considered to be at grade with respect to the adjacent streets and the neighbouring properties.

Water drainage on the Phase I Property occurs primarily via infiltration throughout the site, in addition to surface runoff towards the Carp River to the south and towards catch basis located on the adjacent street.

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

It should be noted that the Phase I Property was largely snow covered at the time of the site inspection, thus a detailed assessment of the ground surface conditions could not be completed.

A depiction of the Phase I Property is illustrated on Drawing PE2001-3 – Site Plan, in the Figures section of this report.

Buildings and Structures

The Phase I Property is currently vacant of any buildings or structures, with the exception of a small metal-clad storage shed at the rear (south) end of the property.

Potential Environmental Concerns

❑ **Fuels and Chemical Storage**

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

❑ **Hazardous Materials and Unidentified Substances**

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

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

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

❑ **Waste Management**

At the time of the site inspection, no waste materials were being generated on the Phase I Property.

Neighbouring Properties

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

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

North: A railway line, followed by Carp Road and commercial retail buildings.

South: The Carp River, followed by agricultural land.

East: Carp Road, followed by commercial retail buildings.

West: The Carp River, followed by agricultural land.

No potential environmental concerns were identified with respect to the current use of the neighbouring properties.

The neighbouring land use within the Phase I Study Area is depicted on Drawing PE2001-4 – Surrounding Land Use Plan, in the Figures section of this report.

6.3 Enhanced Investigation Area

Due to the historical presence of a former on-site equipment maintenance garage, the Phase I Property is considered to be an Enhanced Investigation Property, as defined under O. Reg. 153/04. As such, the following items were also investigated as part of this assessment.

On-Site Operations

According to the historical research, the Phase I Property was formerly occupied by a maintenance garage from circa 1970 to 2015. The garage is known to have contained maintenance bays used for basic vehicle and equipment repair services such as engine and transmission repairs as well as oil and tire changes. These operations were ceased circa 2015, when the building was demolished. At the time of the recent site inspection, the Phase I Property was currently vacant, and no equipment repair or refuelling operations were occurring on-site.

Hazardous Materials Used or Stored

Based on a review of historical records, it is known that various lubricants, solvents, degreasers, and cleaning chemicals were stored within the former on-site garage, within the maintenance bays. An underground fuel storage tank nest and fuel pumps were known to have been present within the northwestern portion of the Phase I Property, adjacent to the western side of the former service garage building. An aboveground fuel storage tank and refueling area was known to have been present within the central portion of the Phase I Property. An underground furnace oil storage tank was known to have been present within the northwestern portion of the Phase I Property, adjacent to the north side of the former service garage building.

At the time of the recent site inspection, no fuels or hazardous materials were observed to be used or stored on the Phase I Property.

Manufactured Products

Based on a review of historical records, no products are suspected to have ever been manufactured on the Phase I Property. At the time of the recent site inspection, no products were being manufactured on the Phase I Property.

By-Products and Waste

Based on a review of historical records, waste oil was known to be generated on-site as a result of vehicle servicing operations. An aboveground waste oil storage tank was known to have been formerly in operation inside the garage building, within the maintenance bays. At the time of the recent site inspection, no fuel or chemical related wastes or by-products, produced as a result of any vehicle servicing or refueling, were currently being generated on the Phase I Property.

Raw Materials Handling and Storage

Based on a review of historical records, no raw materials are suspected to have ever been handled or stored on the Phase I Property. At the time of the site inspection, no raw materials were currently being handled or stored on the Phase I Property.

Drums, Totes, and Bins

Based on a review of historical records, no information could be identified with regard to any former drums, totes, or bins on the Phase I Property, though it is known that storage tanks of motor oil, hydraulic oil, and waste oil were present on-site as a result of the operations performed in the former garage. At the time of the recent site inspection, no drums, totes, or bins containing any fuel or chemical products were identified on the Phase I Property.

Oil/Water Separators

Based on a review of historical records, no information could be identified with regard to any oil/water separators located within the former maintenance garage. At the time of the recent site inspection, no oil/water separators were identified on the Phase I Property.

Spill Events

Based on a review of historical records, no evidence of any spill events were identified on the Phase I Property. At the time of the recent site inspection, no evidence of any spills was identified on the Phase I Property.

Vehicle and Equipment Maintenance Areas

Based on a review of historical records, a former on-site maintenance garage occupied the northwestern portion of the Phase I Property. The garage is known to have contained maintenance bays used for basic vehicle and equipment repair services. These operations were ceased sometime circa 2015, when the building was demolished. At the time of the recent site inspection, the Phase I Property was currently vacant, and no vehicle repair or refuelling operations were occurring on-site.

Liquid Discharge Points

Based on a review of historical records, a strip drain was known to have been formerly present inside the garage building, within the maintenance bays, which drained to a septic bed adjacent to the north side of the building. At the time of the recent site inspection, no liquid discharge points were observed on the Phase I Property.

Hydraulic Lift Equipment

Based on a review of historical records, no information could be identified with regard to any former hydraulic lift equipment on the Phase I Property. At the time of the recent site inspection, no in-ground hoists or any other hydraulic lift equipment was observed on the Phase I Property.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the land use history of the Phase I Property is summarized below in Table 1.

Table 1
Land Use History – 3725 Carp Road, Ottawa, Ontario

Time Period	Land Use	Description	Observations
Prior to 1946	Unknown	Unknown	No historical information available prior to this time period.
1946-1970's	Residential	Residential Dwellings	Aerial photographs from this time period depict multiple residential dwellings within the eastern half of the Phase I Property, fronting Carp Road.
1970's-c.2015	Mixed-Use	Residential Dwellings and Garage	Aerial photographs from this time period depict a contractor's yard and garage on the western portion of the Phase I Property.
2015-Present	Commercial	Vacant	Aerial photographs from this time period, as well as a site inspection, confirm that the Phase I Property is currently vacant.

Potentially Contaminating Activities (PCAs)

Based on the findings of the Phase I ESA, eleven potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the Phase I Property.

As per Table 2 – Column A of O. Reg. 153/04, as amended, the PCAs resulting in APECs on the Phase I Property are described as follows:

- Item 28: Gasoline and Associated Products Storage in Fixed Tanks; associated with the presence of a former off-site auto service garage and fuel outlet to the north of the Phase I Property, a former UST refueling area located in the northwestern portion of the Phase I Property, a former AST refueling area located in the central portion of the Phase I Property, as well as a former exterior heating oil UST, and an interior motor oil AST, hydraulic oil AST, and waste oil AST, all associated with the former garage building, located in the northwestern portion of the Phase I Property.

- ❑ Item 30: Importation of Fill Material of Unknown Quality; associated with the presence of fill material used for infilling low-lying areas in the southern portion of the Phase I Property, as well as for backfilling the demolition of former residential dwelling foundations within the eastern portion of the Phase I Property.

- ❑ Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material Used to Maintain Transportation Systems, associated with the presence of a former garage located in the northwestern portion of the Phase I Property as well as a former auto service garage located to the north of the Phase I Property at 421 Donald B. Munro Drive.

Areas of Potential Environmental Concern (APECs)

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

Table 2
Areas of Potential Environmental Concern

Area of Potential Environmental Concern	Location of APEC on Phase I Property	Potentially Contaminating Activity (Table 2 – O. Reg. 153/04)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC #1 Fill Material of Unknown Quality	Eastern Portion of Phase I Property	*"Item 30: Importation of Fill Material of Unknown Quality"*	On-Site	Metals PAHs	Soil
APEC #2 Fill Material of Unknown Quality	Southern Portion of Phase I Property	*"Item 30: Importation of Fill Material of Unknown Quality"*	On-Site	Metals PAHs	Soil
APEC #3 Former AST Refueling Area	Central Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4	Soil and Groundwater
APEC #4 Former Heating Oil UST	Northwestern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4	Soil and Groundwater

Table 2
Areas of Potential Environmental Concern

Area of Potential Environmental Concern	Location of APEC on Phase I Property	Potentially Contaminating Activity (Table 2 – O. Reg. 153/04)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC #5 Former UST Refueling Area	Northwestern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4	Soil and Groundwater
APEC #6 Former Service Garage	Northwestern Portion of Phase I Property	*"Item 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems"*	On-Site	VOCs PHCs F_1-F_4 PAHs Metals	Soil and Groundwater
APEC #7 Former Motor Oil AST	Northwestern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4 Metals	Soil and Groundwater
APEC #8 Former Waste Oil AST	Northwestern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4 PAHs, Metals	Soil and Groundwater
APEC #9 Former Hydraulic Oil AST	Northwestern Portion of Phase I Property	*"Item 28: Gasoline and Associated Products Storage in Fixed Tanks"*	On-Site	BTEX PHCs F_1-F_4 PAHs, Metals	Soil and Groundwater
APEC #10 Former Auto Service Garage	Northern Portion of Phase I Property	*"Item 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems"*	On-Site	VOCs PHCs F_1-F_4	Soil and Groundwater

Contaminants of Potential Concern (CPCs)

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

- ❑ Volatile Organic Compounds (VOCs);
- ❑ Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- ❑ Petroleum Hydrocarbons, Fractions 1 through 4 (PHCs F_1-F_4);
- ❑ Polycyclic Aromatic Hydrocarbons (PAHs);

- ❑ Metals (including Arsenic (As), Antimony (Sb), Selenium (Se));
- ❑ Mercury (Hg^{+});
- ❑ Hexavalent Chromium (Cr^{VI}).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath the Phase I Property.

7.2 Conceptual Site Model

Water Bodies and Areas of Natural and Scientific Interest

No water bodies or areas of natural and scientific interest are present on the Phase I Property or within the Phase I Study Area.

The nearest named water body with respect to the Phase I Property is the Carp River, located immediately to the south.

Geological and Hydrogeological Setting

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and shale of the Verulam Formation, while the surficial geology consists largely of offshore marine sediments (erosional terraces) with an overburden ranging in thickness from approximately 25 m to 50 m.

Groundwater is known to be encountered within the overburden in the general vicinity of the Phase I Property and flow in a southerly direction towards the Carp River.

Drinking Water Wells

The surrounding area is partially serviced with municipal sewer and water infrastructure, though some potable drinking water wells are anticipated to remain within the area.

Existing Buildings and Structures

The Phase I Property is currently vacant of any buildings or structures, with the exception of a small metal-clad storage shed at the rear (south) end of the property.

Current and Future Property Use

The Phase I Property is currently vacant, but was most recently used for commercial/light-industrial purposes.

It is our understanding that the northeastern portion of the Phase I Property is to be redeveloped for residential purposes.

Due to the change to a more sensitive land use (commercial to residential), this will require that a record of site condition (RSC) be filed with the MECP.

Neighbouring Land Use

The surrounding lands within the Phase I Study Area consist largely of agricultural, commercial, and residential properties.

Current land use is depicted on Drawing PE2001-4 – Surrounding Land Use Plan, in the Figures section of this report.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of the Phase I ESA report, eleven potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the Phase I Property. These APECs include:

- ❑ Fill material of unknown quality, located in the eastern portion of the Phase I Property (APEC #1);
- ❑ Fill material of unknown quality, located in the southern portion of the Phase I Property (APEC #2);
- ❑ A former AST refueling station, located in the central portion of the Phase I Property (APEC #3);
- ❑ A former furnace oil UST, located in the northwestern portion of the Phase I Property (APEC #4);
- ❑ A former UST refueling station, located in the northwestern portion of the Phase I Property (APEC #5);
- ❑ A former vehicle and equipment garage, located in the northwestern portion of the Phase I Property (APEC #6)'

- A former motor oil AST, located inside the former garage building in the northwestern portion of the Phase I Property (APEC #7);
- A former waste oil AST, located inside the former garage building in the northwestern portion of the Phase I Property (APEC #8);
- A former hydraulic oil AST, located inside the former garage building in the northwestern portion of the Phase I Property (APEC #9);
- A former auto service garage and retail fuel outlet, located approximately 30 m to the north at 421 Donald B. Munro Drive (APEC #10).

Other off-site PCAs were identified within the Phase I Study Area but were deemed not to be of any environmental concern to the Phase I Property based on their separation distances as well as their inferred down-gradient or cross-gradient orientation with respect to the known groundwater flow to the south.

Contaminants of Potential Concern

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

- Volatile Organic Compounds (VOCs);
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons, Fractions 1 through 4 (PHCs F_1-F_4);
- Polycyclic Aromatic Hydrocarbons (PAHs);
- Metals (including Arsenic (As), Antimony (Sb), Selenium (Se));
- Mercury (Hg^+);
- Hexavalent Chromium (Cr^{VI}).

These CPCs have the potential to be present in the soil matrix and/or the groundwater situated beneath 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 PCAs and APECs associated with the Phase I Property.

The presence of any PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSION

8.1 Assessment

Paterson Group was retained by Karson Konstruction to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 3725 Carp Road, Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the eastern portion of the Phase I Property was first developed for residential purposes sometime prior to the 1940's. A vehicle and equipment maintenance garage was later constructed in the northwestern portion of the property sometime in the 1970's, as part of a construction contractor's business, which operated until circa 2015 when it was then demolished along with the aforementioned residential dwellings.

Previous environmental investigative work conducted by Paterson in 2010 and Amec Foster Wheeler in 2015 identified pockets of contaminated soil on the Phase I Property, primarily resulting from the historical presence and operation of former on-site UST and AST fuelling stations as well as the presence of poor quality fill material resulting from the demolition of the former on-site residential dwellings. An environmental remediation program was successfully carried out by Amec Foster Wheeler in 2016 to excavate and remove the petroleum hydrocarbon impacted soil from the former UST and AST refuelling station areas, however, other pockets of contaminated soil are still known to remain on-site. Furthermore, it should be noted that no groundwater assessment was carried out as part of the 2015 subsurface investigation.

Historically, properties within the Phase I Study Area were used for a combination of residential, commercial retail/office, and agricultural purposes. Historical records identified the presence of an off-site auto service garage and retail fuel outlet to the north Phase I Property.

Presently, the Phase I Property is vacant and no potential environmental concerns were identified with respect to the current use of the property.

The surrounding lands in the Phase I Study Area largely consist of residential, commercial, and agricultural properties. No potential environmental concerns were identified with respect to the current use of the surrounding lands.

8.2 Recommendations

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will be required for the Phase I Property.**

9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

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

Paterson Group Inc.

Nick Sullivan, B.Sc.

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

Report Distribution:

- ❑ Mr. Cris Karson
- ❑ Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

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

Municipal Records

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

Local Information Sources

- ❒ Personal Interviews.
- ❒ Previous Engineering Reports.

Public Information Sources

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE2001-3 – SITE PLAN

DRAWING PE2001-4 – SURROUNDING LAND USE PLAN

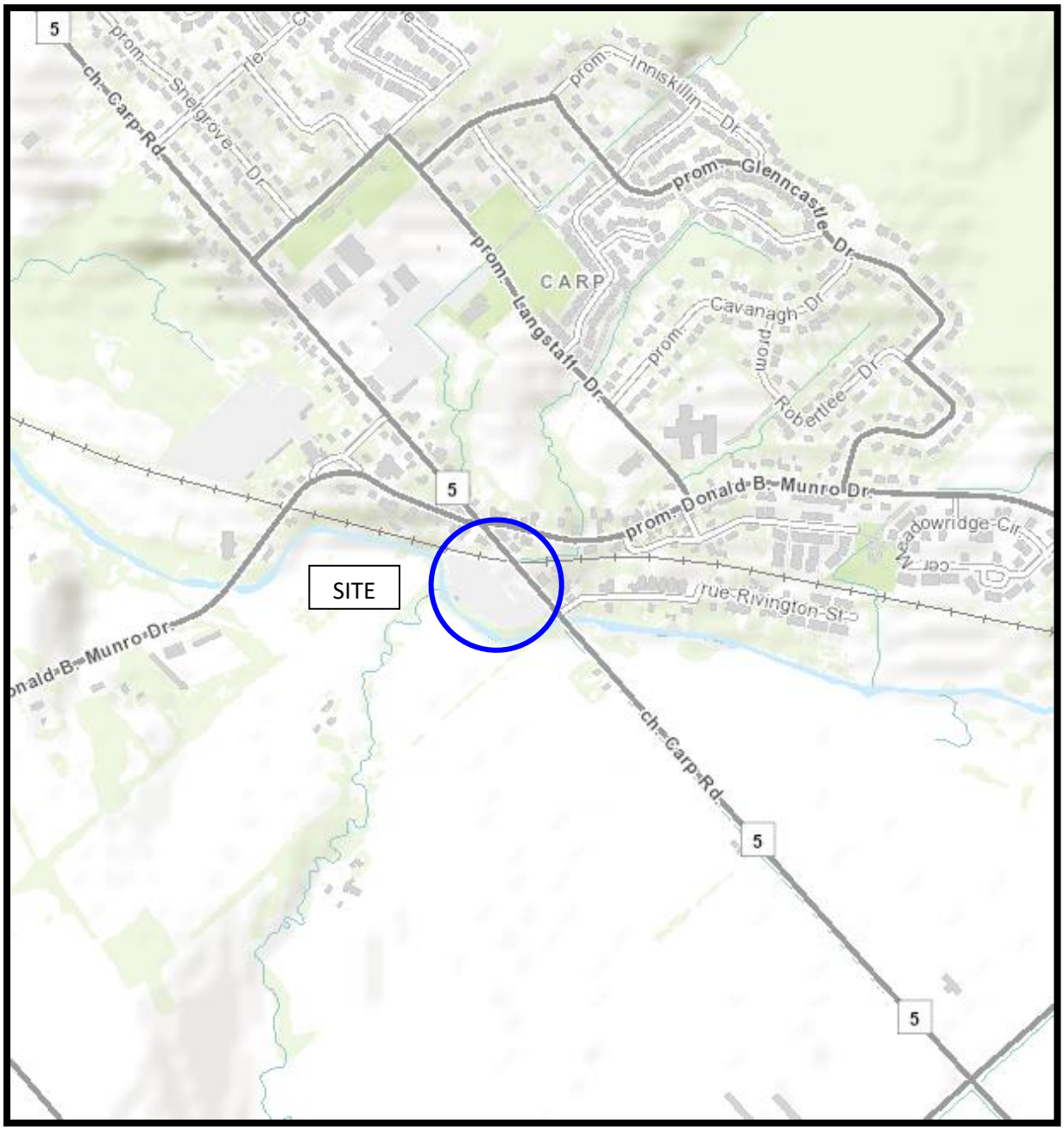


FIGURE 1

KEY PLAN

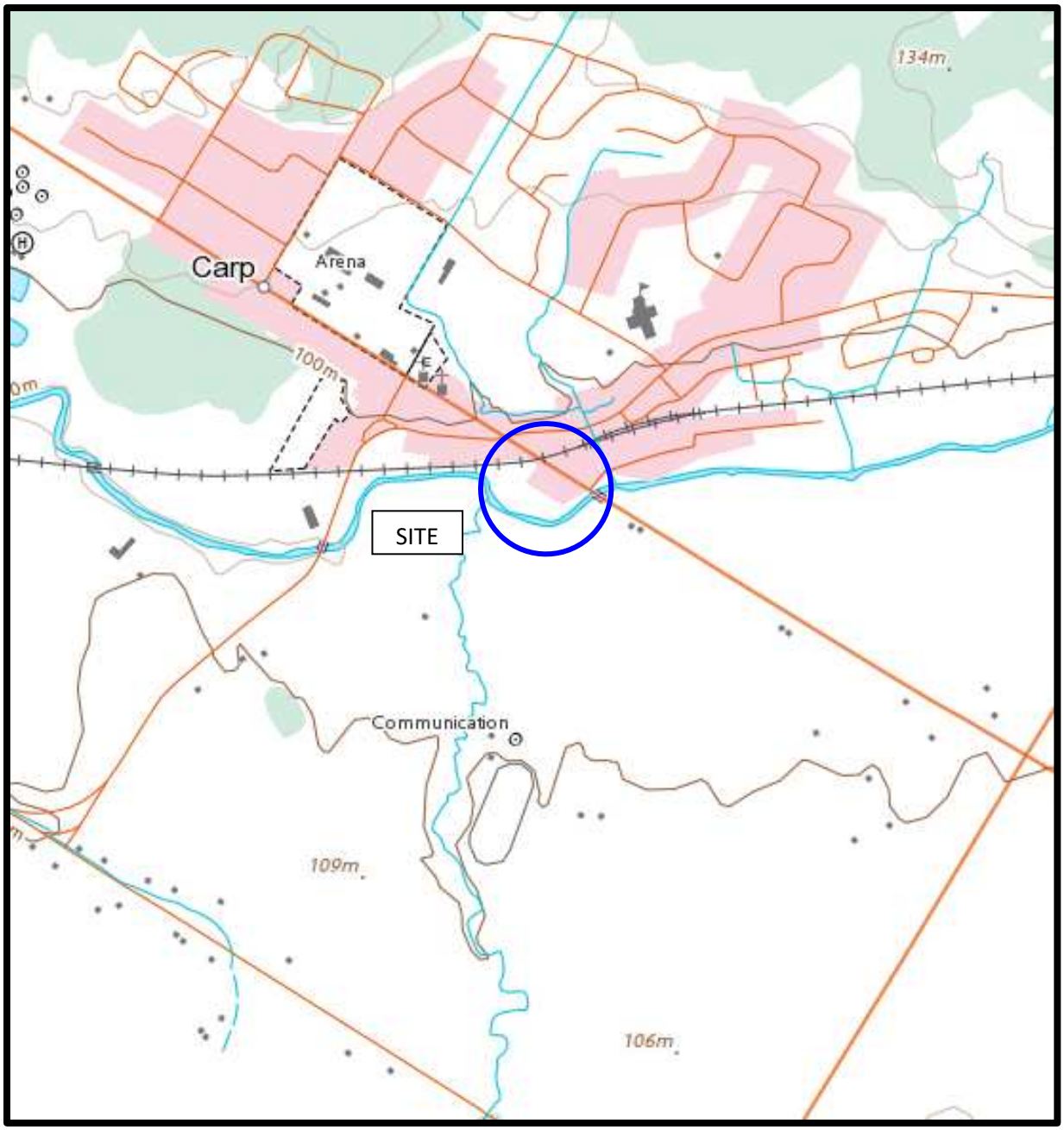
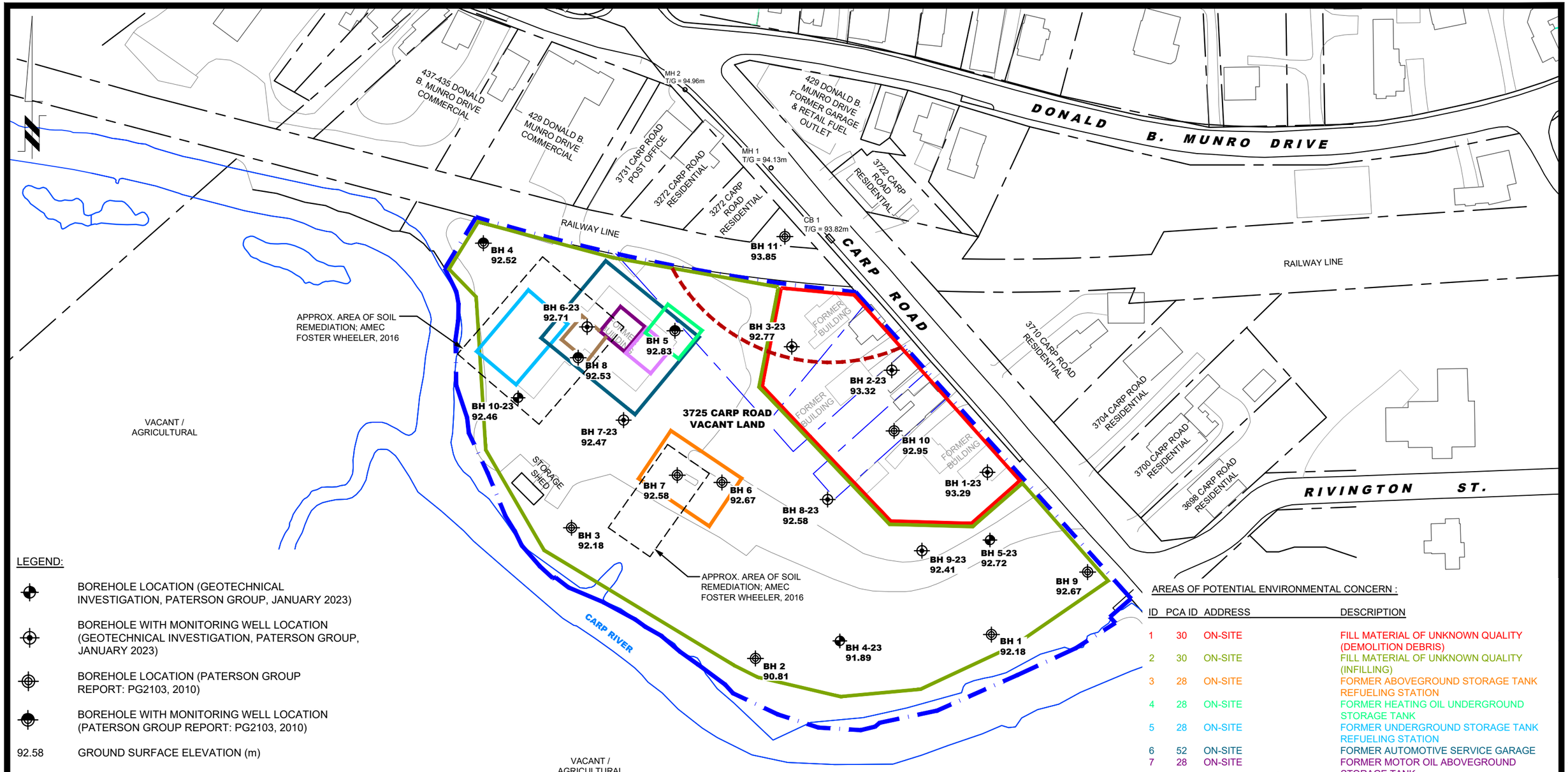


FIGURE 2

TOPOGRAPHIC MAP



LEGEND:

- BOREHOLE LOCATION (GEOTECHNICAL INVESTIGATION, PATERSON GROUP, JANUARY 2023)
- BOREHOLE WITH MONITORING WELL LOCATION (GEOTECHNICAL INVESTIGATION, PATERSON GROUP, JANUARY 2023)
- BOREHOLE LOCATION (PATERSON GROUP REPORT: PG2103, 2010)
- BOREHOLE WITH MONITORING WELL LOCATION (PATERSON GROUP REPORT: PG2103, 2010)
- 92.58 GROUND SURFACE ELEVATION (m)

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

SCALE: 1:1250

0 5 10 15 20 25 50 75m

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN :

ID	PCA ID	ADDRESS	DESCRIPTION
1	30	ON-SITE	FILL MATERIAL OF UNKNOWN QUALITY (DEMOLITION DEBRIS)
2	30	ON-SITE	FILL MATERIAL OF UNKNOWN QUALITY (INFILLING)
3	28	ON-SITE	FORMER ABOVEGROUND STORAGE TANK REFUELING STATION
4	28	ON-SITE	FORMER HEATING OIL UNDERGROUND STORAGE TANK
5	28	ON-SITE	FORMER UNDERGROUND STORAGE TANK REFUELING STATION
6	52	ON-SITE	FORMER AUTOMOTIVE SERVICE GARAGE
7	28	ON-SITE	FORMER MOTOR OIL ABOVEGROUND STORAGE TANK
8	28	ON-SITE	FORMER WASTE OIL ABOVEGROUND STORAGE TANK
9	28	ON-SITE	FORMER HYDRAULIC OIL ABOVEGROUND STORAGE TANK
10	52	421 DONALD B. MUNRO DR	FORMER AUTOMOTIVE SERVICE GARAGE

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

NO.	REVISIONS	DATE	INITIAL

KARSON KONSTRUCTION

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3725 CARP ROAD

OTTAWA, ONTARIO

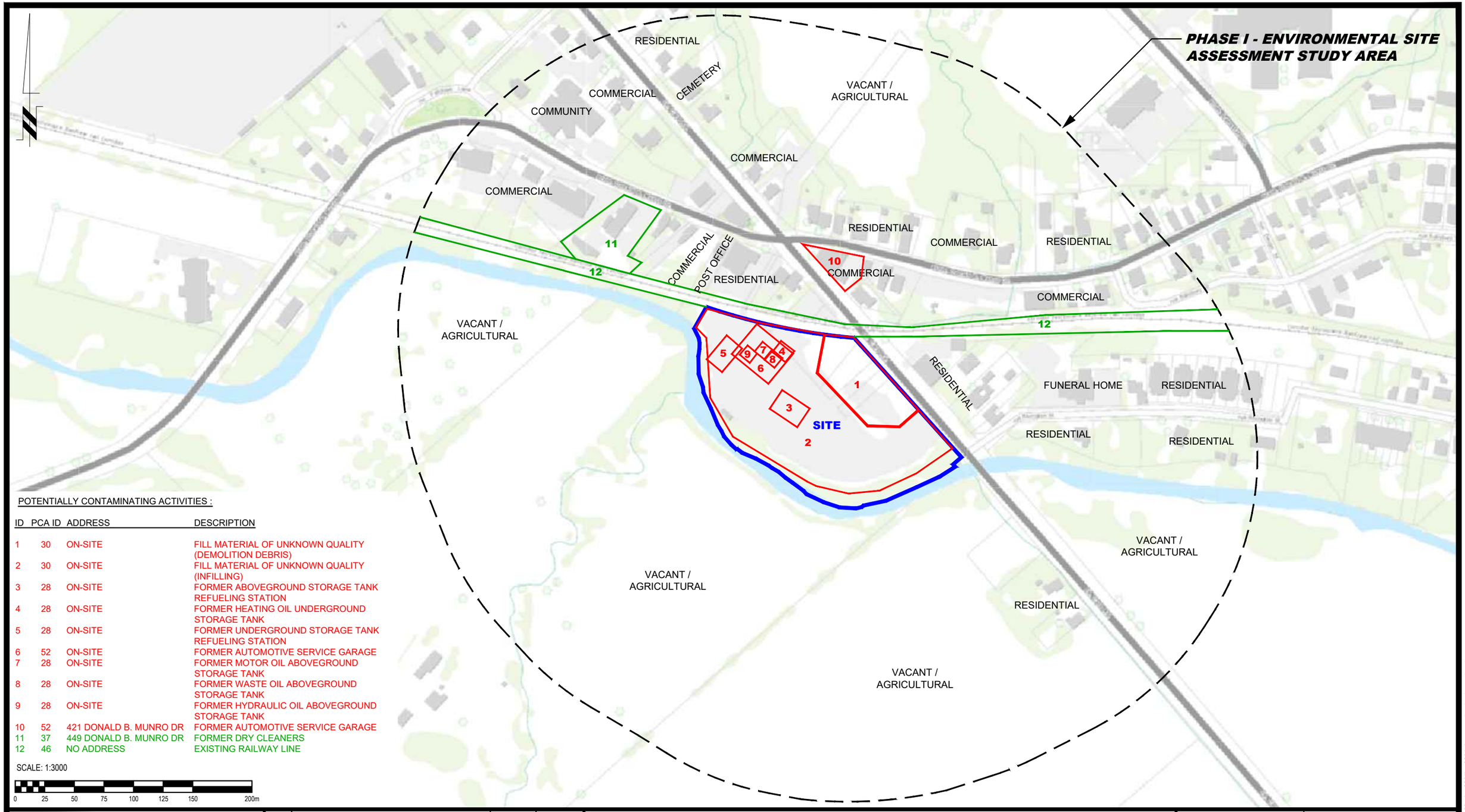
Title:

SITE PLAN

Scale: 1:1250	Date: 02/2023
Drawn by: YA	Report No.: PE2001-2
Checked by: NS	Dwg. No.: PE2001-3
Approved by: MSD	Revision No.:

11x17

p:\autocad drawings\environmental\pe20xx\pe2001\pe2001-3-site plan.dwg



POTENTIALLY CONTAMINATING ACTIVITIES :

ID	PCA ID	ADDRESS	DESCRIPTION
1	30	ON-SITE	FILL MATERIAL OF UNKNOWN QUALITY (DEMOLITION DEBRIS)
2	30	ON-SITE	FILL MATERIAL OF UNKNOWN QUALITY (INFILLING)
3	28	ON-SITE	FORMER ABOVEGROUND STORAGE TANK REFUELING STATION
4	28	ON-SITE	FORMER HEATING OIL UNDERGROUND STORAGE TANK
5	28	ON-SITE	FORMER UNDERGROUND STORAGE TANK REFUELING STATION
6	52	ON-SITE	FORMER AUTOMOTIVE SERVICE GARAGE
7	28	ON-SITE	FORMER MOTOR OIL ABOVEGROUND STORAGE TANK
8	28	ON-SITE	FORMER WASTE OIL ABOVEGROUND STORAGE TANK
9	28	ON-SITE	FORMER HYDRAULIC OIL ABOVEGROUND STORAGE TANK
10	52	421 DONALD B. MUNRO DR	FORMER AUTOMOTIVE SERVICE GARAGE
11	37	449 DONALD B. MUNRO DR	FORMER DRY CLEANERS
12	46	NO ADDRESS	EXISTING RAILWAY LINE

SCALE: 1:3000

0 25 50 75 100 125 150 200m

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

NO.	REVISIONS	DATE	INITIAL

KARSON KONSTRUCTION

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3725 CARP ROAD

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 02/2023
Drawn by: YA	Report No.: PE2001-2
Checked by: NS	Dwg. No.: PE2001-4
Approved by: MSD	Revision No.:

11x17

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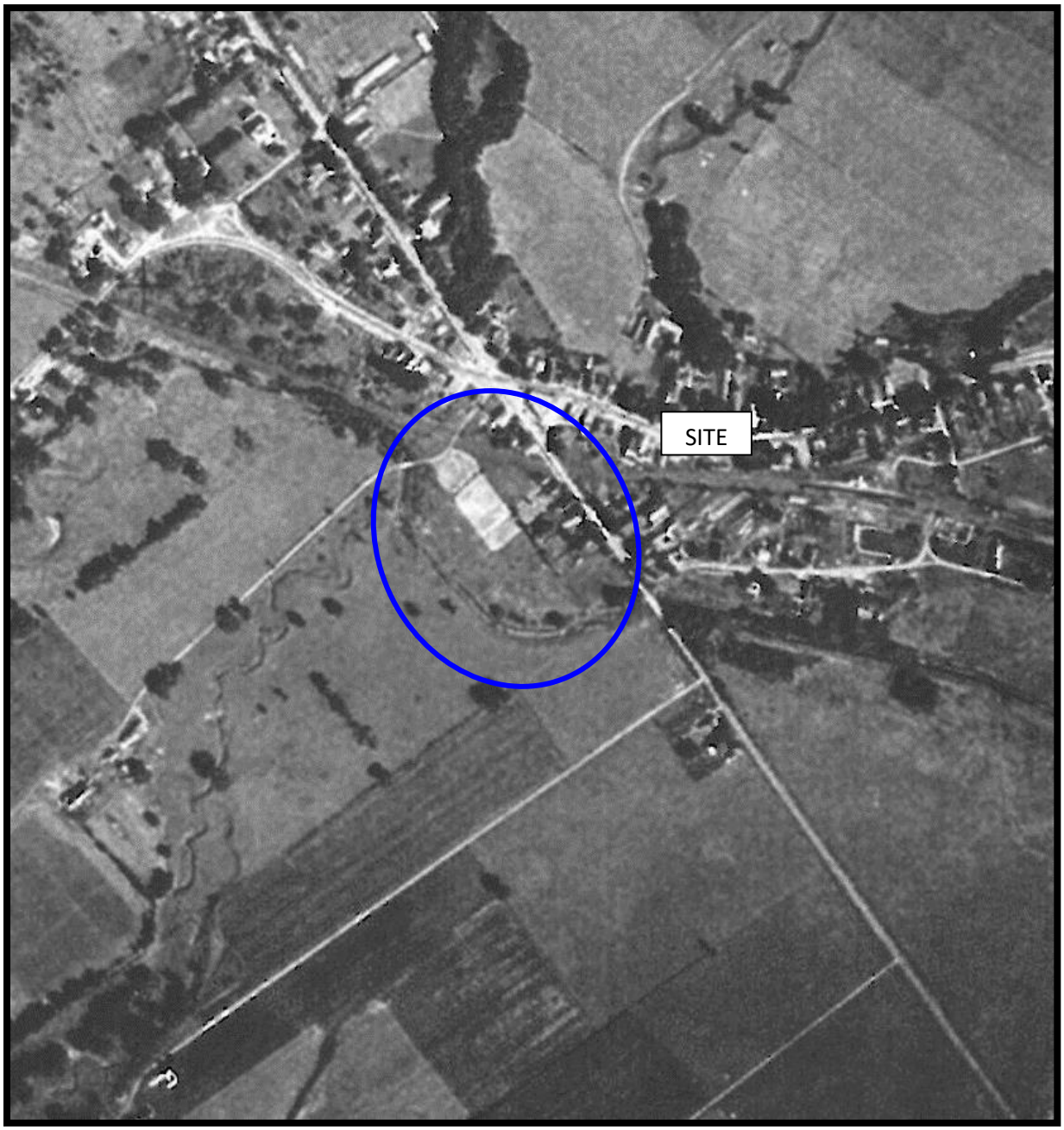
APPENDIX 1

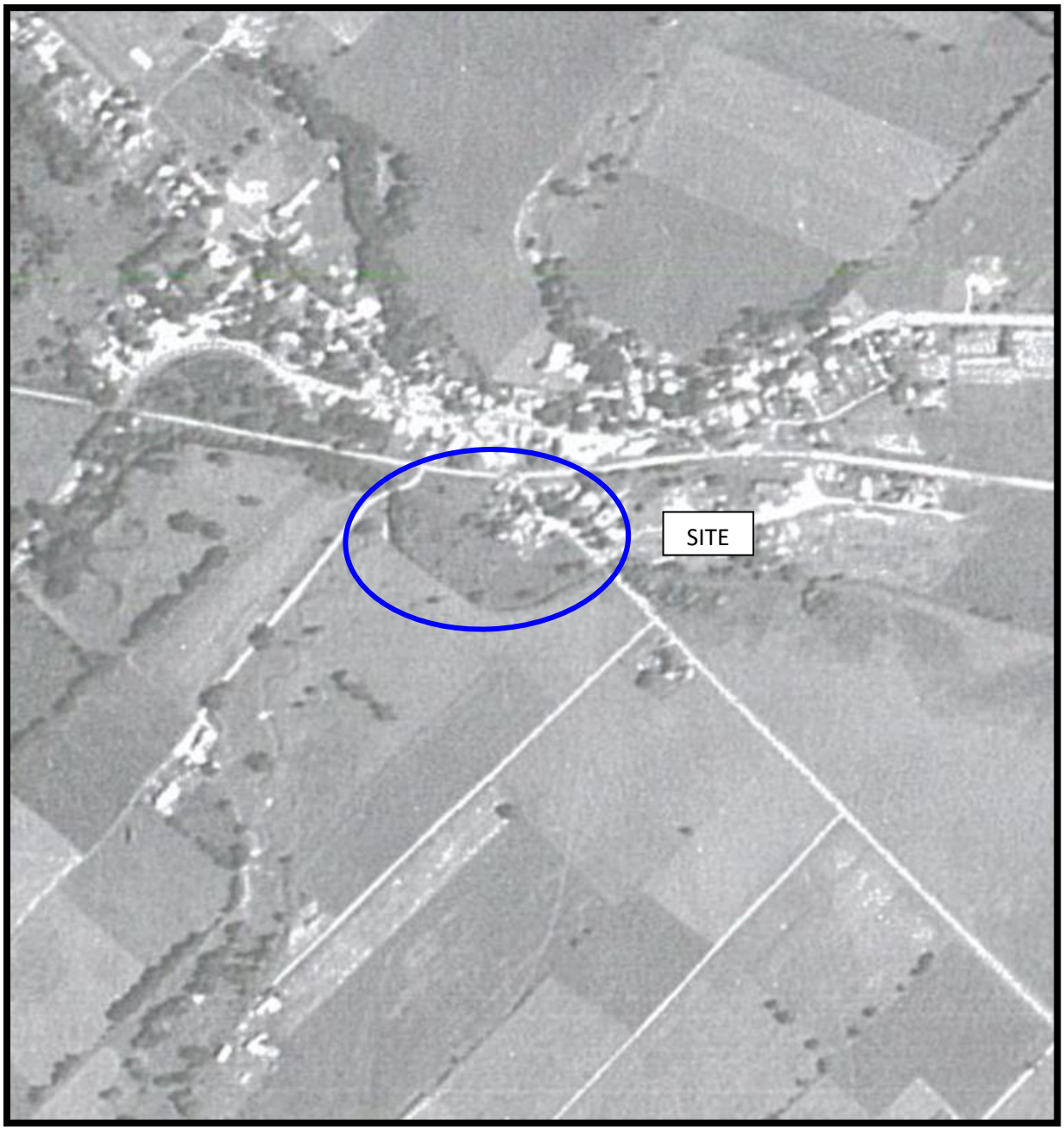
AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



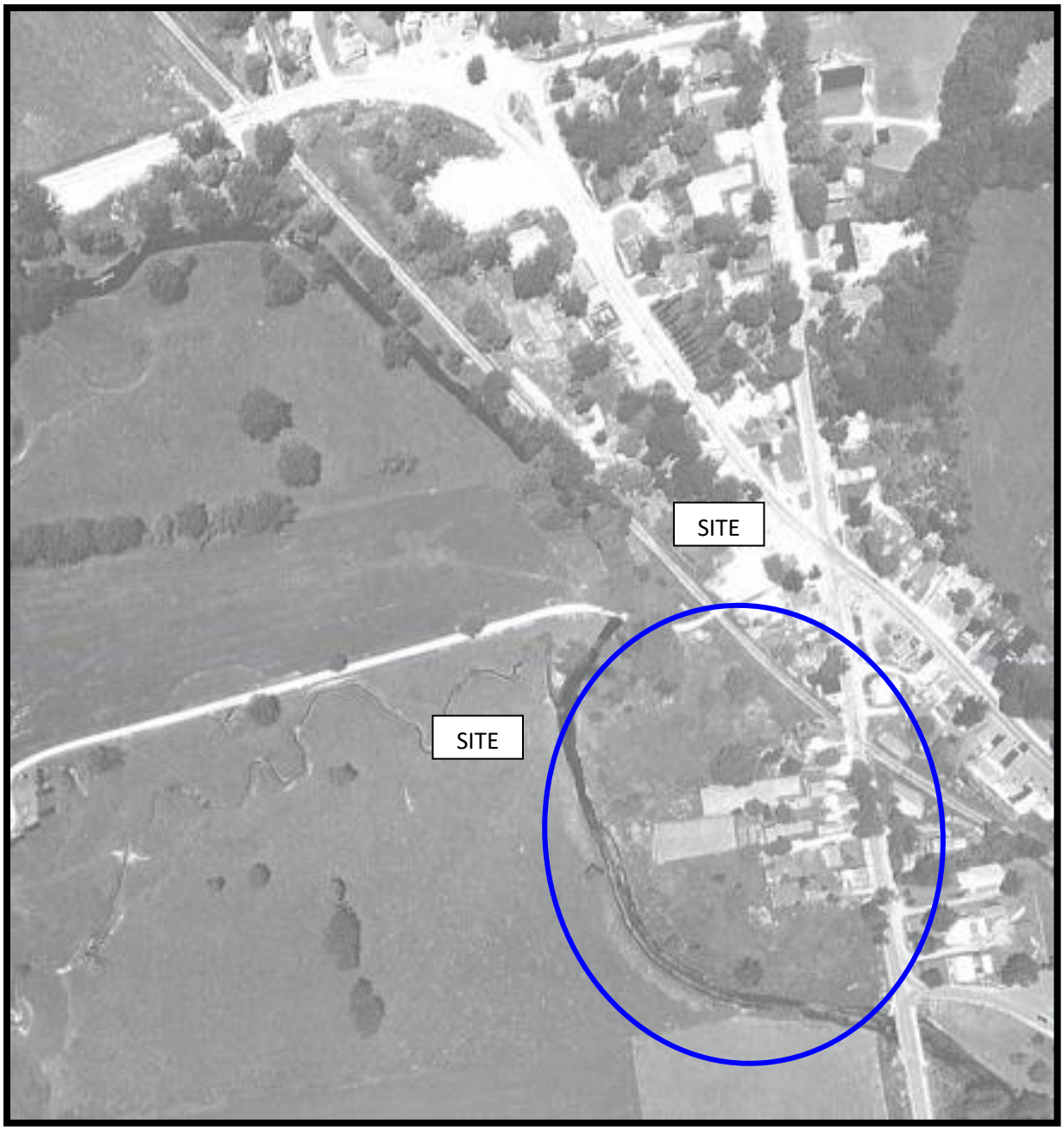
AERIAL PHOTOGRAPH
1946

PATERSON GROUP



AERIAL PHOTOGRAPH
1955

PATERSON GROUP

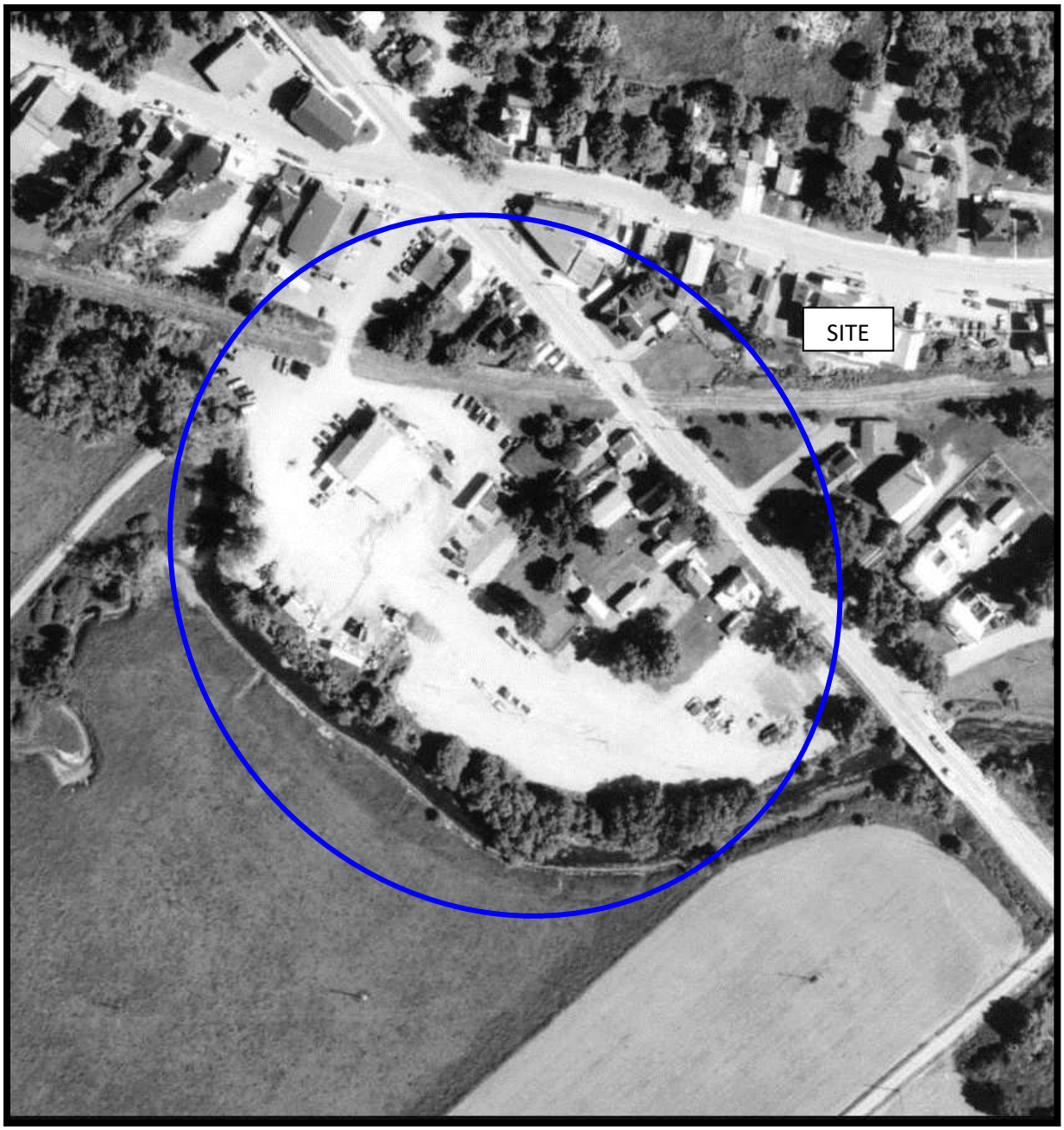


AERIAL PHOTOGRAPH
1967

PATERSON GROUP

AERIAL PHOTOGRAPH
1976

PATERSON GROUP



AERIAL PHOTOGRAPH
1991

PATERSON GROUP

AERIAL PHOTOGRAPH
2002

PATERSON GROUP

AERIAL PHOTOGRAPH
2011

PATERSON GROUP

AERIAL PHOTOGRAPH
2021

PATERSON GROUP

Site Photographs

PE2001 | 3725 Carp Road, Ottawa, Ontario | January 11, 2023

Photograph 1: View of the southern portion of the Phase I Property, facing southwest from Carp Road.

Photograph 2: View of the northeastern portion of the Phase I Property, facing north.

Site Photographs

PE2001 | 3725 Carp Road, Ottawa, Ontario | January 11, 2023

Photograph 3: View of the northwestern portion of the Phase I Property, facing south from Carp Road.

Photograph 4: View of the western portion of the Phase I Property, facing east.

Site Photographs

PE2001 | 3725 Carp Road, Ottawa, Ontario | January 11, 2023

Photograph 5: View of the central portion of the Phase I Property, facing northeast.

APPENDIX 2

MECP FREEDOM OF INFORMATION REQUEST

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS DATBASE REPORT

Ontario

Ministry of
Environment
and Energy

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data

Name, Company Name, Mailing Address and Email Address of Requester

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5
Email address: nsullivan@patersongroup.ca

Telephone/Fax Nos.

Tel. 613-226-7381
Fax 613-226-6344

Your Project/Reference No.

PE2001

Signature/Print /Name of Requester

Nick Sullivan

For Ministry Use Only

FOI Request No.

Date Request Received

Fee Paid

☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR
☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**

3725 Carp Road, Ottawa, ON.

Present Property Owner(s) and Date(s) of Ownership

Mr. Cris Karson

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	all
Orders	all
Spills	all
Investigations/prosecutions ➤ Owner **AND** tenant information must be provided	all
Waste Generator number/classes	all

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		1986-present
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986-present
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986-present
waste water - *industrial discharges*		1986-present
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator*sites		1986-present
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		1986-present
pesticides - *licenses*		1986-present

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

UTM | 18 | Z | 418980 | E
| 9 | R | 5021470 | N
Elev. | 9 | R | 0320
Basin | 25 |

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

15 No. 042
GROUND WATER BRANCH
OCT 29 1957

Water-Well Record

County or Territorial District [redacted] Carleton — Township, Village, Town or City Huntley
(Township, Village, Town or City) Munro St.
Address Carp Rd
Date completed (day) June (month) 1957 (year)

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) 75'
Type of screen Homemade
Length of screen 4'

Pumping Test

Static level 40'
Pumping rate 500 G.P.H.
Pumping level 40'
Duration of test ½ HR

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, or sulphur)
Sand	0	75	75	35	fresh

Water Record

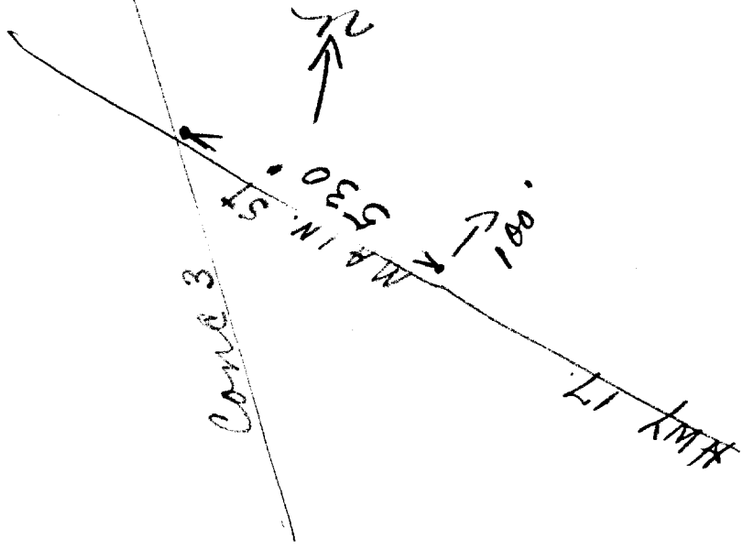
For what purpose(s) is the water to be used?
office
Is water clear or cloudy? clear
Is well on upland, in valley, or on hillside?
upland
Drilling firm W.M.E. Sparks
Address 413 Edgeworth Ave.
Name of Driller W.M.E. Sparks
Address 413 Edgeworth Ave
Licence Number 421

I certify that the foregoing statements of fact are true.

Date Oct 22/57 W.M.E. Sparks
Signature of Licensee

Location of Well

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



Form 5

CSS.58

UTM 18 Z 418880 E
5 R 5021540 N

Elev. 4 R 0320

Basin 25

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

RECEIVED 15
DEC 23 1954
GEOLOGICAL BRANCH
DEPARTMENT of MINES

No. 3075

Water-Well Record

County or Territorial District Carleton Township, ~~Village, Town or City~~ Huntley

[redacted] Village, Town or City) Carp

ddress Carp ont

(day) Dec (month) 9 (year) 1954

Pipe and Casing Record

Casing diameter(s) 8 inch
Length(s) 121 ft
Type of screen
Length of screen

Pumping Test

Static level 28
Pumping rate 300 Gal Per hr
Pumping level 40 ft
Duration of test 2 hrs

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, or sulphur)
Sand	0	80	184	156	Fresh
Gravel	80	120			
Grey Limestone	120	184			

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

Is water clear or cloudy? Clear

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

Drilling firm J B Dufresne

Address 1898 Carling Ave Ottawa

Name of Driller J Lovette

Address 665 Gilmour

Licence Number 395

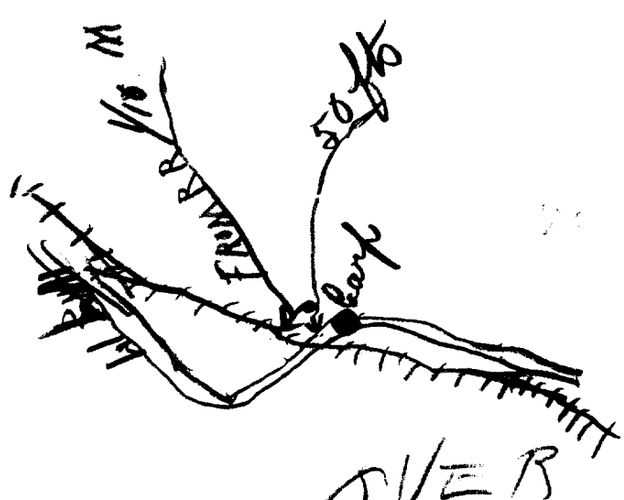
I certify that the foregoing statements of fact are true.

Date Dec 9/54 J Lovette

Signature of Licensee

Location of Well

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



OVER

Form 5

10

UTM 1 8 Z 4 1 8 8 2 0 E
5 R 5 0 2 1 5 6 0 N

Elev. CON 11 3 6 0

Basin 2 5 8

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

15 No 3078

GROUND WATER BRANCH
AUG - 5 1958
ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

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

[redacted] Village, Town or City) Carp Dist

Address Carp Ont

(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) 50'
Type of screen Homemade
Length of screen 4'

Pumping Test

Static level 25'
Pumping rate 500 GPH
Pumping level 25'
Duration of test ½ Hrs

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
sand	0	55'	55'	[redacted]30	fresh

For what purpose(s) is the water to be used?
house
Is water clear or cloudy? clear
Is well on upland, in valley, or on hillside?
upland
Drilling firm W. M. E Sparks
Address 413 Edgeworth Ave
Ottawa 3
Name of Driller W. M. E Sparks
Address

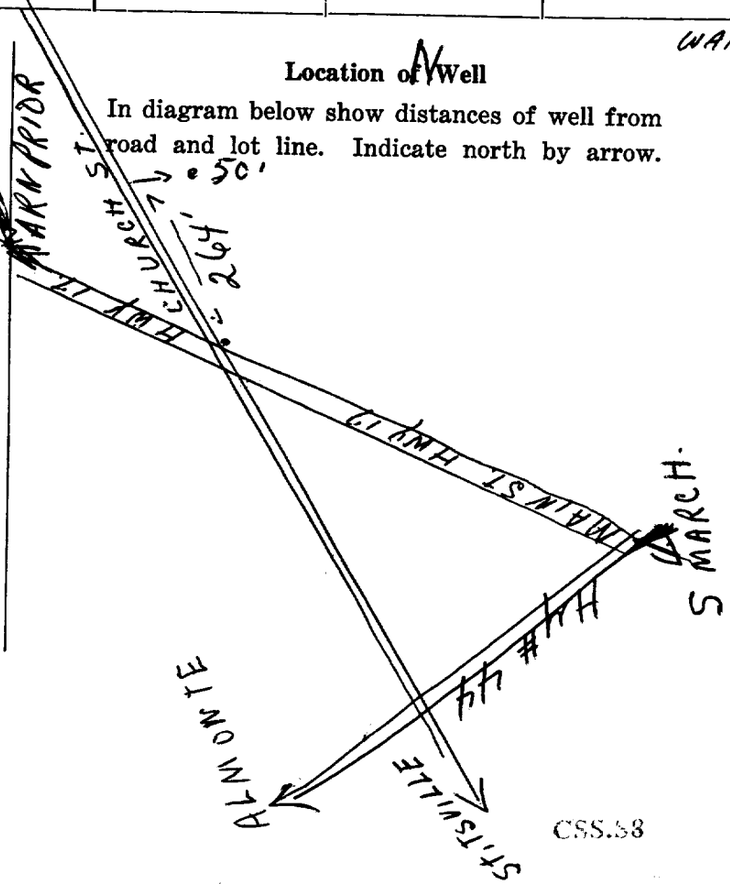
Licence Number 421

I certify that the foregoing statements of fact are true.

Date May 21 W M E Sparks
Signature of Licensee

Location of Well

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



Form 5

CSS.58

UTM 18 Z 418960 E
5 R 510214210 N
Elev. 4 R 0310
Basin 25

15 No 3080

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton
Township, Village, Town or City Huntley
Con. 2 Lot [redacted] 18
Date completed 19 (day) Oct. (month) 59 (year)
Address Carp

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 108'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 5"

Pumping Test

Static level 17'
Test-pumping rate 10 G.P.M.
Pumping level 25'
Duration of test pumping 3 hours
Water clear or cloudy at end of test clear
Recommended pumping rate 8 G.P.M.
with pumping level of 25'

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)
Loam	0	6'			
Blue clay	6	60'			
Quick Sand	60'	102'			
Gravel	102	108	108'	91'	fresh

Water Record

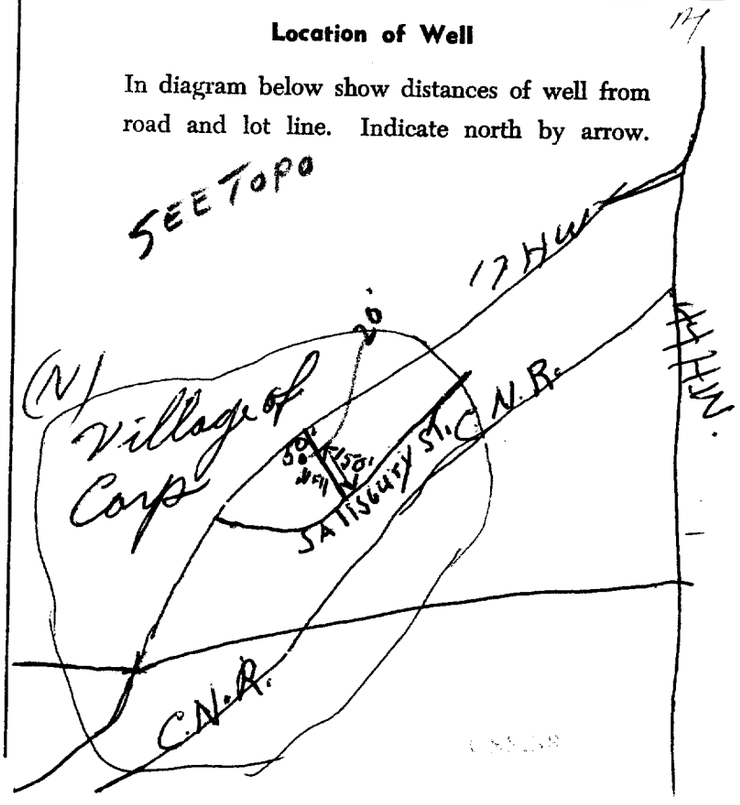
For what purpose(s) is the water to be used?
House
Is well on upland, in valley, or on (hillside?)

Drilling Firm D. O. Mac Hardy
Address Kinburn

Licence Number 270
Name of Driller Douglas Mac Hardy
Address Kinburn
Date Oct 29. 59
Douglas Mac Hardy
(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
15M-58-4149

UTM 18 Z 418880 E
5 R 5021400 N
Elev. 471 R 6310
Basin 25

The Ontario Water Resources Commission Act, 1957

GROUND WATER BRANCH
JAN 3 1960
ONTARIO WATER RESOURCES COMMISSION

15 No 3081

WATER WELL RECORD

County or District Carleton Township, Village, Town or City HUNTLEY
Con. 2 Lot PT 18 Date completed Nov 16/59 (day month year)
[redacted] Address Cayo

Casing and Screen Record

Inside diameter of casing 3"
Total length of casing 82'
Type of screen
Length of screen NONE
Depth to top of screen
Diameter of finished hole 3"

Pumping Test

Static level 14'
Test-pumping rate 250 G.P.M.
Pumping level 20'
Duration of test pumping 2 hrs
Water clear or cloudy at end of test Clear
Recommended pumping rate 250 G.P.M.
with pumping ~~level of~~ SETTING 25 ft

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	0	80			
Gravel Boulders	80	82	52	68	Clear FRESH

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

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

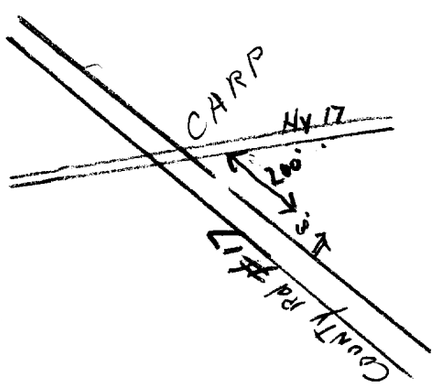
Drilling Firm J B Dufresne Co Ltd
Address 1011 Richland Ave
Ottawa

Licence Number 152
Name of Driller B. Desforges
Address Ottawa
Date Oct 20/59

J B Dufresne
(Signature of Licensed Drilling Contractor)

Location of Well

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



Form 5
15M-58-4149

241

UTM 18 Z 418940 E

15 R 502144 0 N

Elev. 4 R 0310

Basin 25

The Ontario Water Resources Commission Act, 1957

GROUND WATER BRANCH 3082

P5 N.

APR 6 1960

ONTARIO WATER RESOURCES COMMISSION

WATER WELL RECORD

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

Con 2 Lot 18 Date completed March 17/60 (day month year)

[redacted] Address Carp

Casing and Screen Record

Inside diameter of casing 6"

Total length of casing 82'

Type of screen N. M.

Length of screen

Depth to top of screen

Diameter of finished hole 6"

Pumping Test

Static level 10'

Test-pumping rate 2000 G.P.M.

Pumping level 80 FT

Duration of test pumping 2 hrs

Water clear or cloudy at end of test Clear

Recommended pumping rate 2000 G.P.M.

with pumping level of 80'

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	0	10			
Clay	10	35			
Sand & Fine Gravel	35	82	82	72	fresh

Water Record

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

Flour mill

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

Valley

Drilling Firm J B Sullivan Co Ltd

Address 1014 Bradford Ottawa

Licence Number 565

Name of Driller W Ray

Address Hull

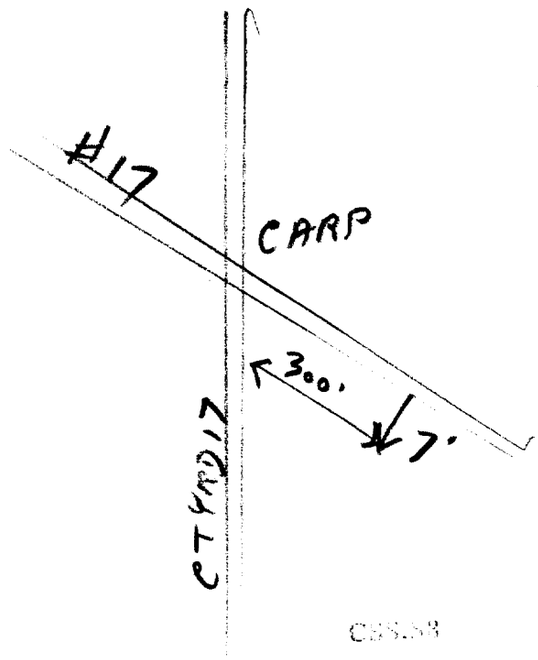
Date March 17/60

J B Sullivan

(Signature of Licensed Drilling Contractor)

Location of Well

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



UTM 18 Z 418850 E
5 R 502152 0 N
Elev. 4 R 0 0 3 6 0
Basin 2 5 Carleton

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
15 No. 3084
JUN 1 1962
ONTARIO WATER RESOURCES COMMISSION

County or District Carleton
Township, Village, Town or City [redacted] HUNTLEY
Con. 2 Lot 18
Date completed 11 (day) 4 (month) 1962 (year)
[redacted] Address Carp, Ontario

Casing and Screen Record

Inside diameter of casing 6 3/16
Total length of casing 64'
Type of screen N O N E
Length of screen
Depth to top of screen
Diameter of finished hole 6 3/16

Pumping Test

Static level 13'
Test-pumping rate 500 gal P.H. G.P.M.
Pumping level 50'
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 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)
Clay	0	20	64	fresh
Yellow Sand	20	60		
Gravel	60	64		

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

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

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

Licence Number 194
Name of Driller or Borer R. Laniel
Address 18 Trudeau St. Hull, Que
Date April 12, 1962

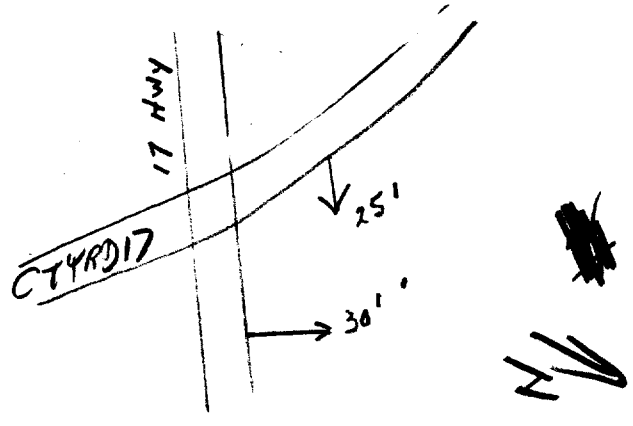
J.B. Dufresne
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

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



UTM 17 Z 418970 E
5 R 5021360 N

Elev. Con 4 R 11 03 10
Basin Lot 18 2 5

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
15 No. 3086
FEB 26 1963
ONTARIO WATER RESOURCES COMMISSION

County or District Lake Erie
Township, Village, Town or City Wentworth
Con. 2 Lot 18
Date completed 20 (day) Dec (month) 62 (year)
[redacted] Address Cayo.

Casing and Screen Record

Inside diameter of casing 6 1/4 "
Total length of casing 85'
Type of screen #12
Length of screen 4'
Depth to top of screen 81'
Diameter of finished hole 6 1/4 "

Pumping Test

Static level 76"
Test-pumping rate 19 G.P.M.
Pumping level 10 ft.
Duration of test pumping 2 hrs.
Water clear or cloudy at end of test clear
Recommended pumping rate 10 G.P.M.
with pump setting of 20 feet below ground surface

Well Log

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)
course sand	0	20	85	fresh
fine "	20	85		

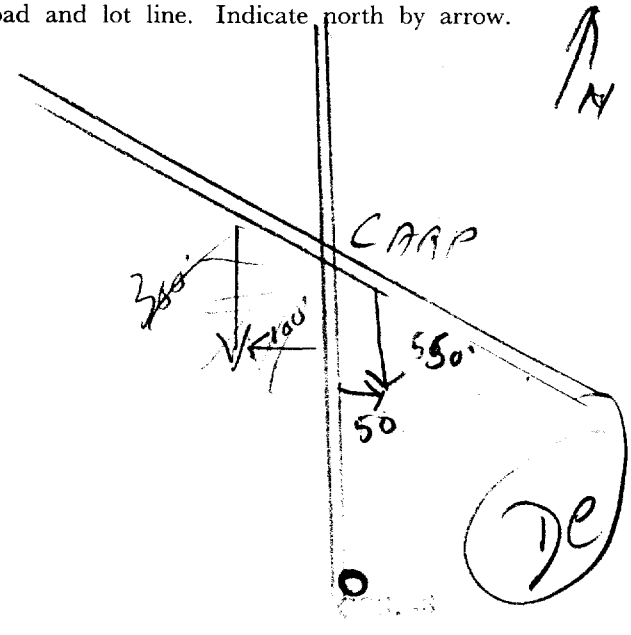
For what purpose(s) is the water to be used?
domestic
Is well on upland, in valley, or on hillside? valley.
Drilling or Boring Firm A. Stanton
Address Pakenham
Licence Number 643
Name of Driller or Borer A. Stanton
Address Pakenham
Date Dec 20/62
Austin Stanton
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M Sets 60-5930

OWRC COPY

Location of Well

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



UTM 18 Z 418910 E
5 R 5021330 N
Elev. 0 4 R 0310

Basin 25

WATER WELL RECORD

The Ontario Water Resources Commission Act

GROUND WATER BRANCH
15 No 3087
AUG 27 1963
ONTARIO WATER RESOURCES COMMISSION

AP!

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

Con. 2 — Lot 18 — Date completed 17 (day) 5 (month) 1963 (year)

[redacted] — Address Box 30 Carp Ontario

Casing and Screen Record

Inside diameter of casing	6 3/16
Total length of casing	25 ft
Type of screen	—
Length of screen	—
Depth to top of screen	—
Diameter of finished hole	6 3/16

Pumping Test

Static level	10 ft
Test-pumping rate	100 G.P.H
Pumping level	25
Duration of test pumping	1 h
Water clear or cloudy at end of test	CLEAR
Recommended pumping rate	800 G.P.H
with pump setting of	20 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
clay	0	15		
sand and gravel	15	23		
gravel.	23	27	25 to 27	fresh.

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

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

Drilling or Boring Firm J. B DUFRESNE

Address 1014 MAITLAND AVE OTTAWA ONT.

Licence Number

Name of Driller or Borer R. LANIEL

Address IRONSIDE P.Q.

Date 17 MAY 1963

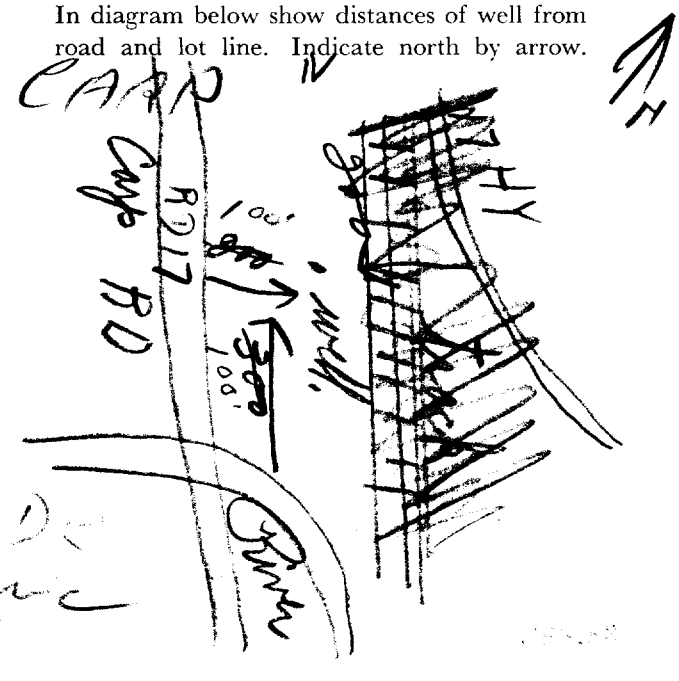
(Signature of Licensed Drilling or Boring Contractor)

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.



UTM 18 Z 418820 E
5 R 5021540 N
Elev. 4 R 03210

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
M15 17 No. 3088
ONTARIO WATER RESOURCES COMMISSION

Basin 25
County or District Carleton
Township, Village, Town or City Huntley
Con. 2 Lot ~~146 Main Street~~ 18 Date completed 25 (day) NOV (month) 63 (year)
[redacted] Address Carp, Ontario.

Casing and Screen Record

Inside diameter of casing	6 3/16"
Total length of casing	~~XXX~~ 106
Type of screen	-
Length of screen	-
Depth to top of screen	-
Diameter of finished hole	6"

Pumping Test

Static level	14 feet
Test-pumping rate	17 G.P.M.
Pumping level	82'
Duration of test pumping	1 hour
Water clear or cloudy at end of test	clear
Recommended pumping rate	17 G.P.M.
with pump setting of	70 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)
Clay	0	40	104	fresh
Sand	40	75		
Gravel	75	106		

For what purpose(s) is the water to be used?
~~House~~ MANSE.
Is well on upland, in valley, or on hillside? Hillside
Drilling or Boring Firm J.B. Dufresne & Co. Ltd.,
Address 1014 Maitland Ave., Ottawa 5, Ont.
Licence Number 1032
Name of Driller or Borer W. Roy
Address 79 St. Jean Baptiste, Deschenes, Quebec.
Date 28 November 1963

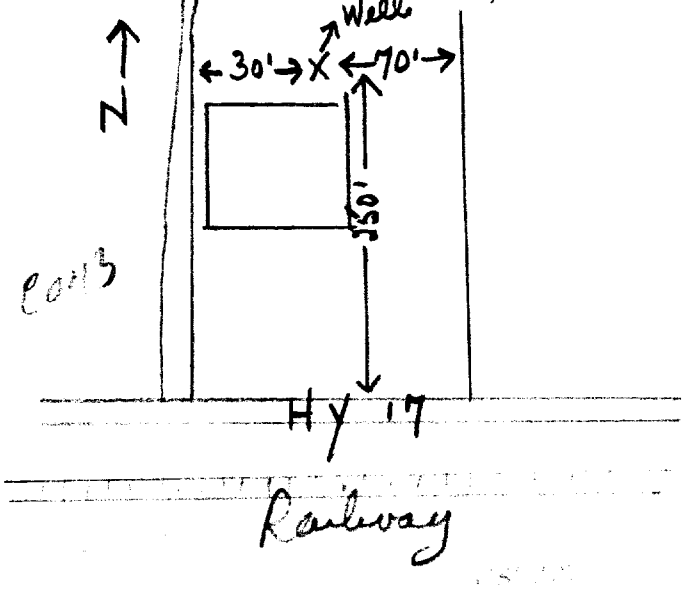
(Signature of Licensed Drilling or Boring Contractor) Per Signed for J.B. Dufresne

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.



UTM | 18 Z | 4 | 9 | 1 | 0 | 0 E
| 5 R | 5 | 0 | 2 | 1 | 4 | 2 | 0 N
Elev. | 4 R | 0 | 3 | 1 | 5

Basin | 2 | 5 |

The Ontario Water Resources Commission Act

WATER WELL RECORD

WATER RESOURCES DIVISION
JUN 17 1965
ONTARIO WATER RESOURCES COMMISSION

15 No. 3089

County or District Carleton
Township, Village, Town or City [redacted]
Con. 2 Lot 18
Date completed 17 (day) March (month) 1965 (year)
Address Carp.

Casing and Screen Record

Inside diameter of casing 6 5/4"
Total length of casing 157'
Type of screen "
Length of screen "
Depth to top of screen "
Diameter of finished hole 6"

Pumping Test

Static level 20'
Test-pumping rate 10' G.P.M.
Pumping level 70'
Duration of test pumping 2 hrs.
Water clear or cloudy at end of test clear
Recommended pumping rate 10 G.P.M.
with pump setting of 70 feet below ground surface

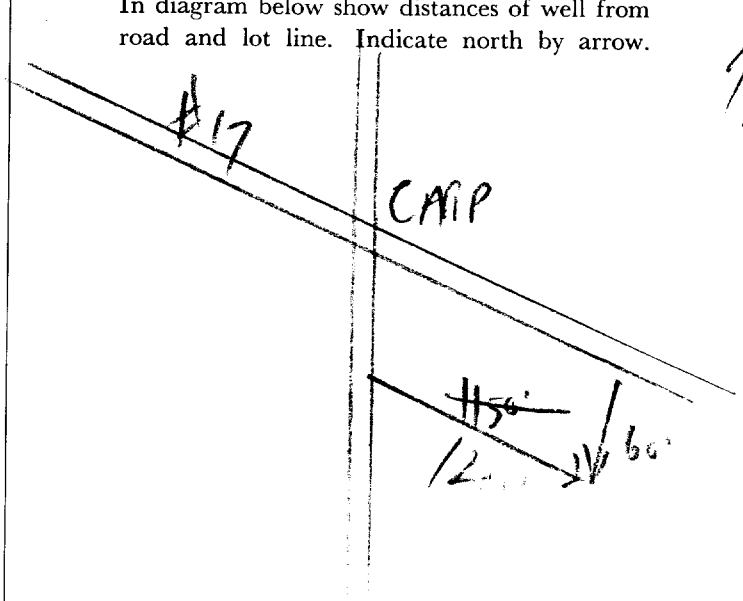
Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Loam	0	10	184	fresh
clay Blue	10	60		
fine sand	60	157		
grey limestone	157	184		

For what purpose(s) is the water to be used?
new house
Is well on upland, in valley, or on hillside? upland.
Drilling or Boring Firm A. Stanton
Address 104 Kenhem
Licence Number 1691
Name of Driller or Borer Same
Address Same
Date March 17/65
Arch Stanton
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



Form 7 15M-60-4138

OWRC COPY

UTM 18 A 418990 E
5 R 5021380 N
Elev. 4 R 0310

Basin 25

WATER WELL RECORD

The Ontario Water Resources Commission Act

L 15 No 3091

[redacted]

County or District Carleton
Township, Village, Town or City Huntley
Con. 5 2 Lot ~~28 Main St.~~ 18
Date completed 19 (day) Oct. (month) 1965 (year)
Address Carp, Ont.
28 Main St

Casing and Screen Record

Inside diameter of casing	6-3/16"
Total length of casing	66'
Type of screen	x
Length of screen	x
Depth to top of screen	x
Diameter of finished hole	6-3/16"

Pumping Test

Static level	21 GPM
Test-pumping rate	600 hr. ~~G.P.M.~~
Pumping level	40
Duration of test pumping	1/2 hr.
Water clear or cloudy at end of test	clear
Recommended pumping rate	600 hr. ~~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)
clay	0	20	66	fresh
sand	20	55		
gravel sand	55	64		
gravel	64	66		

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

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

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

Licence Number 1307
Name of Driller or Borer W. Roy
Address
Date October 20th 1965

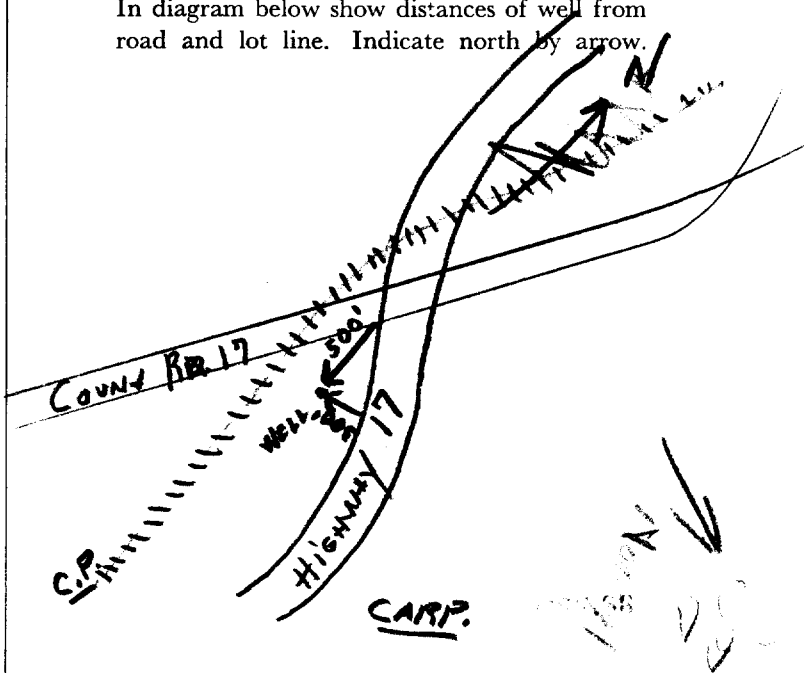
(Signature of Licensed Drilling or Boring Contractor)

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.



UTM 18 Z 418240 E
5 R 5021540 N

Elev. 4 R 0320

Basin 25

15 No 3094

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Carleton

Township, Village, Town or City Huntley

Con. 2 Lot 18

Date completed 12 (day) Dec (month) 1966 (year)

Owner Huntley Public School Area (print in block letters)

Address Corp.

Casing and Screen Record

Inside diameter of casing 6¼"

Total length of casing 198'

Type of screen ~

Length of screen ~

Depth to top of screen ~

Diameter of finished hole 6"

Pumping Test

Static level 43'

Test-pumping rate 15 G.P.M.

Pumping level 43'-9"

Duration of test pumping 8 hrs.

Water clear or cloudy at end of test clear

Recommended pumping rate 30 G.P.M.

with pump setting of 100 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)
Blue clay	0	43	213	fresh
fine sand	43	198		
grey limestone	198	213		

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

school

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

Drilling or Boring Firm A. Stanton

Address Pakenham

Licence Number 2180

Name of Driller or Borer same

Address

Date Dec 12/66

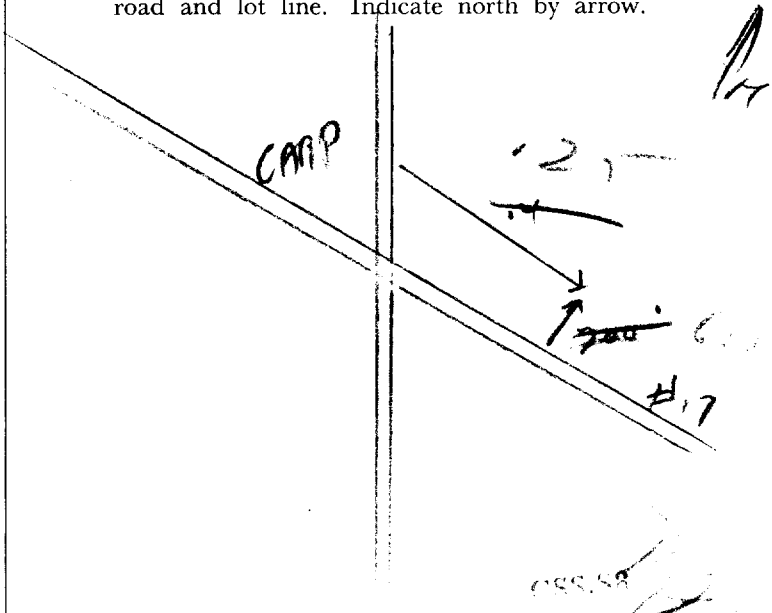
(Signature of Licensed Drilling or Boring Contractor)

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.



UTM 18 Z 418820 E
5 R 5021460 N
Elev. 4 R 0310
CON III
Basin 25 1 18

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

Form 15 No 3142

GROUND WATER BRANCH
MAR 16 1959
ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

[redacted]ip, Village, Town or City Huntley
[redacted]n Village, Town or City)
[redacted]Address Carp Ont.

Date completed 30 Dec. 1958
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 5"
Length(s) 97'
Type of screen none
Length of screen

Pumping Test

Static level 15'
Pumping rate 300 gph
Pumping level 40'
Duration of test 2 hrs

Well Log

Overburden and Bedrock Record	From ft.	To ft.
clay	0	40
sand	40	97
limestone	97	138

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
138	123	fresh

For what purpose(s) is the water to be used?
house
Is water clear or cloudy? clear
Is well on upland, in valley, or on hillside?
hillside
Drilling firm F.A. McLean & Son
Address
Name of Driller B. Foster
Address
Licence Number

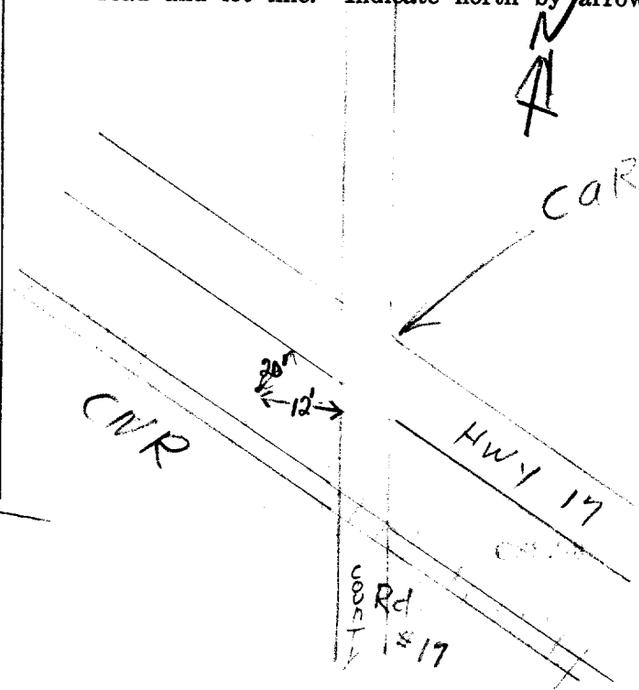
I certify that the foregoing statements of fact are true.

Date Mar. 10

Signature of Licensee

Location of Well

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



Form 5

3/264

UTM 18 Z 418740 E
5 R 5021580 N

Elev. 4 R 0330

Basin 25

WATER WELL RECORD

The Ontario Water Resources Commission Act

GROUND WATER BRANCH
15 No. 3145
FEB 25
ONTARIO WATER RESOURCES COMMISSION

County or District Lanark Township, Village, Town or City Almonte

Con. 3 Lot 18 Date completed 16 (day) Nov (month) 62 (year)

[redacted] ress EARP

Casing and Screen Record

Inside diameter of casing 5
Total length of casing 43
Type of screen —
Length of screen —
Depth to top of screen —
Diameter of finished hole 5

Pumping Test

Static level 52
Test-pumping rate 3 G.P.M.
Pumping level 60
Duration of test pumping 1 Hr
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 3 G.P.M.
with pump setting of 85 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)
CLAY	0	43		
LIMESTONE	43	97	95	FR

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

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

Drilling or Boring Firm M MEISTER

Address OTTAWA

Licence Number 618

Name of Driller or Borer SMITH

Address

Date FEB 8/63

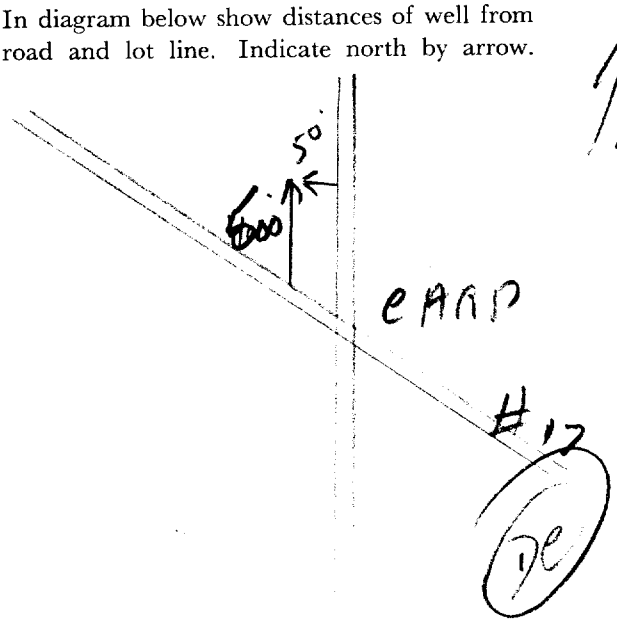
(Signature of Licensed Drilling or Boring Contractor)

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.



CSS.58

UTM 18 E 418680
5 R 5021480 N

Elev. 4 R 0305

Basin 25

15 No 3147

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Carleton

Township, Village, Town or City Huntley

Con. 3 Lot 18

Date completed 13th (day) December (month) 1966 (year)

[redacted] dress Carp, Ont.

Casing and Screen Record

Inside diameter of casing 6 3/16

Total length of casing 108

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 6

Pumping Test

Static level 3

Test-pumping rate 100 GPH G.P.M.

Pumping level DRY

Duration of test pumping 1 hour

Water clear or cloudy at end of test ~~clear~~ cloudy

Recommended pumping rate 60 GPH G.P.M.

with pump setting of 105 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)
sand	0	60	120	[redacted]
silt and gravel	60	108	135	[redacted]
grey limestone	108	140		FRESH

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

house - restaurant

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

Drilling or Boring Firm

J.B. DUFRESNE & CO. LIMITED

Address 1014 Maitland Ave.,

Ottawa 5, Ont.

Licence Number 2030

Name of Driller or Borer R. Laniel

Address 6 Bellevue - Lucerne, Que.

Date December 13th 1966

R. Warren

(Signature of Licensed Drilling or Boring Contractor)

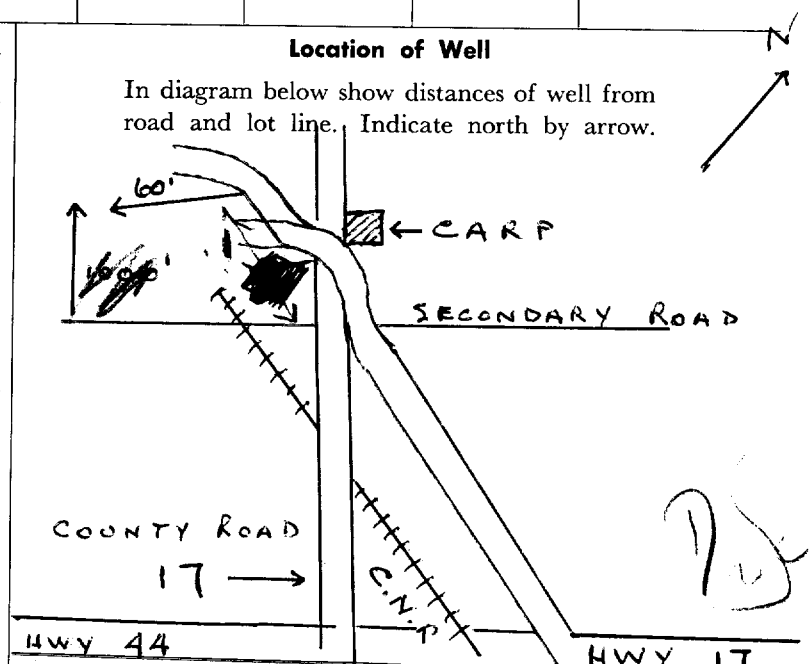
for J.B. Dufresne & Co. Limited

Form 7 15M-60-4138

OWRC COPY

Location of Well

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



NW 26T

UTM 18 Z 418780 E

5 R 5021450 N

Elev. 4 R 0310

Basin 25

County or District Carleton

Con. 3 Lot 18

[redacted]

15 No 31/49

E

1 7 1967

The Ontario Water Resources Commission Act

WATER WELL RECORD

Township, Village, Town or City Huntley

Date completed 21 (day) Oct (month) 1966 (year)

ress Carp

Casing and Screen Record

Inside diameter of casing 6 1/4 "

Total length of casing 74 '

Type of screen c

Length of screen c

Depth to top of screen c

Diameter of finished hole 6 1/4 "

Pumping Test

Static level 20 '

Test-pumping rate 8 G.P.M.

Pumping level 28 '

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 40 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)
clay	0	20	74'	fresh
fine sand	20	73		
fine gravel	73	74		

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

house + stock

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

Drilling or Boring Firm A. Stanton

Address Pakenham

Licence Number 2180

Name of Driller or Borer SAME

Address

Date Oct 21/66

A. Stanton

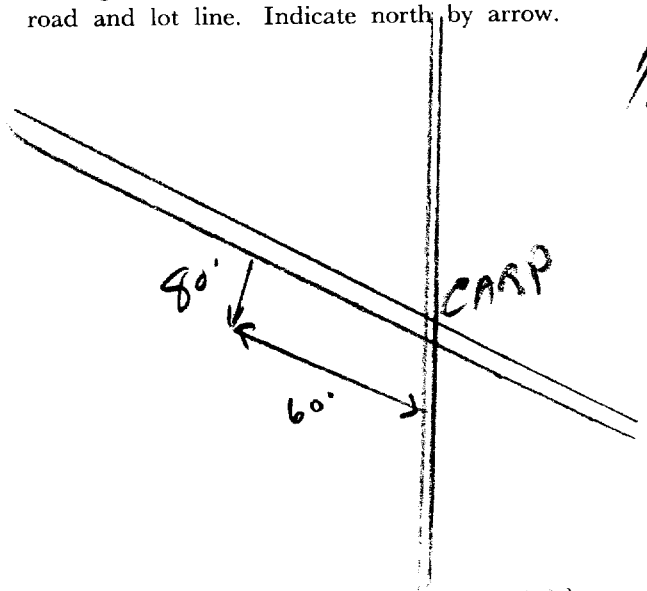
(Signature of Licensed Drilling or Boring Contractor)

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.



GROUND WATER BRANCH
15 No 3320
SEP 24 1962
ONTARIO WATER RESOURCES COMMISSION

UTM 18 Z 4 1 9 0 0 0 E
19 R 5 0 2 1 4 6 0 N

The Ontario Water Resources Commission Act

Elev: 9 R 0 3 2 0

WATER WELL RECORD

Basin 25 | Carleton County or District

Township, Village, Town or City ~~Fornell~~ HUNTLEY

Con. 2 Lot 18

Date completed 3rd (day) Sept. (month) 1962. (year)

[redacted] dress Carp Ont.

Casing and Screen Record

Inside diameter of casing 6 ¼"

Total length of casing 75'

Type of screen brass.

Length of screen 4 ft.

Depth to top of screen 56'

Diameter of finished hole 6"

Pumping Test

Static level 30

Test-pumping rate 10 G.P.M.

Pumping level 70'

Duration of test pumping 30 min

Water clear or cloudy at end of test clear.

Recommended pumping rate 3. G.P.M.

with pump setting of 65' 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)
clay	0	40		
quick sand.	40	65'		
course sand + pebbles	65'	80	60	fresh.

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

house.

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

Drilling or Boring Firm Mel McLaughlin

Address Ashton Ont

Licence Number 593

Name of Driller or Borer Melville McLaughlin

Address Ashton Ont.

Date Sept 11/62

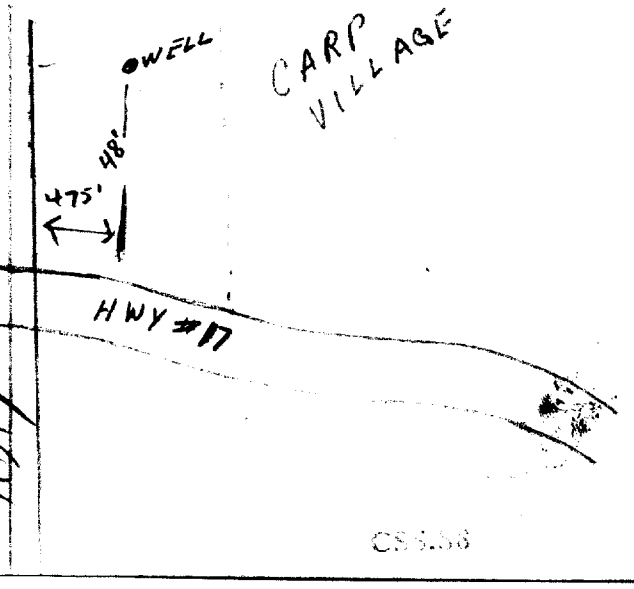
Melville McLaughlin
(Signature of Licensed Drilling or Boring Contractor)

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.



UTM 18 418910 E
18 5021349 N
Elev 4 R 10305

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
15 No. 3837
MAY 21 1963
ONTARIO WATER RESOURCES COMMISSION

Basin 25 18
County or District CARLETON
Township, Village, Town or City ~~MARCH~~ Huntley
Con. 3 Lot 18
Date completed FEB. 21/63 (day month year)
Owner CARP FLOUR MILLS (COWHER) (print in block letters)
Address CARP

Casing and Screen Record

Inside diameter of casing 6"
Total length of casing 20'
Type of screen N ONE
Length of screen
Depth to top of screen
Diameter of finished hole 6"

Pumping Test

Static level 5'
Test-pumping rate 100 G.P.~~M.~~
Pumping level 19'
Duration of test pumping 1 hr
Water clear or cloudy at end of test clear
Recommended pumping rate 4 G.P.M.
with pump setting of 18' 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)
Blue Clay	0	15		
Sand & Gravel	15	20	20'	fresh

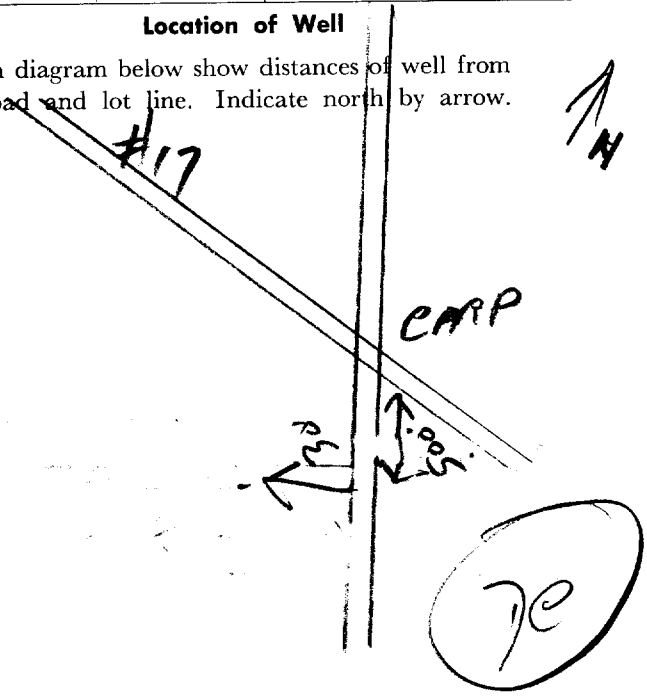
For what purpose(s) is the water to be used? Household
Is well on upland, in valley, or on hillside? Valley
Drilling or Boring Firm J B Lumberman Co Ltd
Address Ottawa
Licence Number 1032
Name of Driller or Borer W Ray
Address Arnprior
Date
J B Lumberman
(Signature of Licensed Drilling or Boring Contractor)

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.



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MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

3 F 8a

ONTARIO

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

11 | 1512051 | MUNICIP. 15005 | CON. C/N | 10.3

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	Huntley	~~Main St. Carp.~~ III	018

[redacted]

DATE COMPLETED: DAY 30 MO 08 YR 72

rp, Ontario

RC.	ELEVATION	RC.	BASIN CODE	II	III	IV
21533	4	300	4	26	MAR 17, 1975	248

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
	Clay			0	16
	Sand	~~Gravel~~		16	64
	Sand	Gravel & Clay		64	90
Grey	Limestone			90	170

31: 0016 05 | 0064 28 | 0090 2811 05 | 0170 2115

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0120	1 ☐ FRESH 3 ☐ SULPHUR / 2 ☐ SALTY 4 ☐ MINERAL
0170	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	0091
~~04~~	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	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0015	0020	~~Cement Grout~~

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☒ BAILER | PUMPING RATE: 0003 GPM | DURATION OF PUMPING: 01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
033 FEET	155 FEET	1 ☐ PUMPING / XX RECOVERY	110 FEET	080 FEET	050 FEET	033 FEET

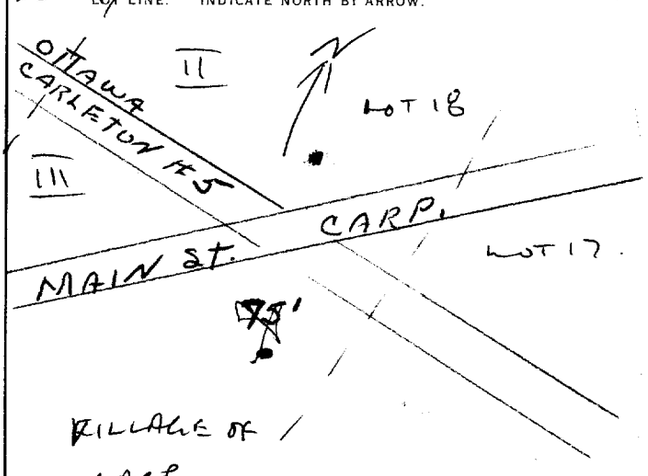
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: FEET | WATER AT END OF TEST: 1 ☐ CLEAR 2 ☒ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING: 155 FEET | RECOMMENDED PUMPING RATE: 0003 GPM

200.0 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

LOT 18 DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

FINAL STATUS OF WELL

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

WATER USE 01

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR: McLean Water Supply Ltd. | LICENCE NUMBER: 3504

ADDRESS: 1532 Raven Ave., Ottawa, Ont.

NAME OF DRILLER OR BORER: M. Mallon | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: A. L. McLaff | SUBMISSION DATE: DAY 5 MO. 9 YR. 72

OFFICE USE ONLY

DATA SOURCE: 1 | CONTRACTOR: 3504 | DATE RECEIVED: 041 72

DATE OF INSPECTION: | INSPECTOR:

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

Ontario

31 17 8a

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

11 | 1514331 | MUNICIP. 15005 | CON. CPN | 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Carleton	West Carleton (Huntley / Fitzroy)	2	018

[redacted] ox 27 Carp, Ontario — DATE COMPLETED: DAY 27 MO 09 YR 74

RC. | ELEVATION | RC. | BASIN CODE

1514331 18 419024 5021327 4 300 4 26 JUL 08, 1977 299

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		0	30
grey	sand	boulders		30	50
grey red	gravel	boulders		50	68

31: 00306281 3 | 00502281 3 | 00682111 3

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0068	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	0068
	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	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	0050 GPM	01 HOURS 30 MINS

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

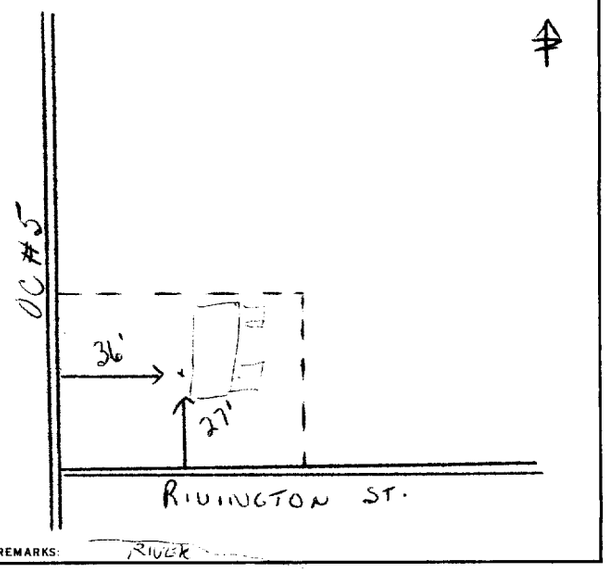
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

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

— — — • — GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL 1921

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



DRILLERS REMARKS: RIVER

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 1

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: O. Mowat — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Walter Kavanagh — SUBMISSION DATE: DAY 30 MO. 9 YR. 74

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 1558 | DATE RECEIVED 751074

DATE OF INSPECTION 4 Apr 75 | INSPECTOR P/R. Doyle

REMARKS:

P

WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 07-091

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 | 1514331 | MUNICIP | CON.

COUNTY OR DISTRICT: Carleton

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: West Carleton Torbolton

LOT: 2 | CONCESSION, BLOCK, TRACT, SURVEY, ETC.:

OWNER (SURNAME FIRST): [redacted] 28-47

ADDRESS: Box 27 Carp, Ontario

DATE COMPLETED: DAY 27 MO 9 YR 74

21 | ZONE | EASTING | NORTHING | RC. | ELEVATION | RC. | BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
brown	sand	boulders		0	30
grey	sand	boulders		30	50
grey red	gravel	boulders		50	60

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-12: 68	1 ☒ FRESH 3 ☐ SULPHUR 14; 2 ☐ SALTY 4 ☐ MINERAL
15-18	1 ☐ FRESH 3 ☐ SULPHUR 19; 2 ☐ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 24; 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 29; 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 34; 2 ☐ SALTY 4 ☐ MINERAL 80

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4 10-11	1 ☒ STEEL 12; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	0	68 13-16
17-18	1 ☐ STEEL 19; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			20-23
24-25	1 ☐ STEEL 26; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			27-30

SCREEN

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

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17	
18-21	22-25	
28-29	30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD 10: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE 11-14: 50 GPM

DURATION OF PUMPING: 1 HOURS 15-16, 30 MINS 17-18

STATIC LEVEL	WATER LEVEL END OF PUMPING	23 WATER LEVELS DURING (1 ☒ PUMPING 2 ☐ RECOVERY)			
19-21: 5 FEET	22-24: 15 FEET	15 MINUTES 25-28: 15 FEET	30 MINUTES 29-31: 15 FEET	45 MINUTES 32-34: 15 FEET	60 MINUTES 35-37: 15 FEET

IF FLOWING, GIVE RATE 38-41: GPM

PUMP INTAKE SET AT: FEET

WATER AT END OF TEST 42: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☒ SHALLOW ☐ DEEP

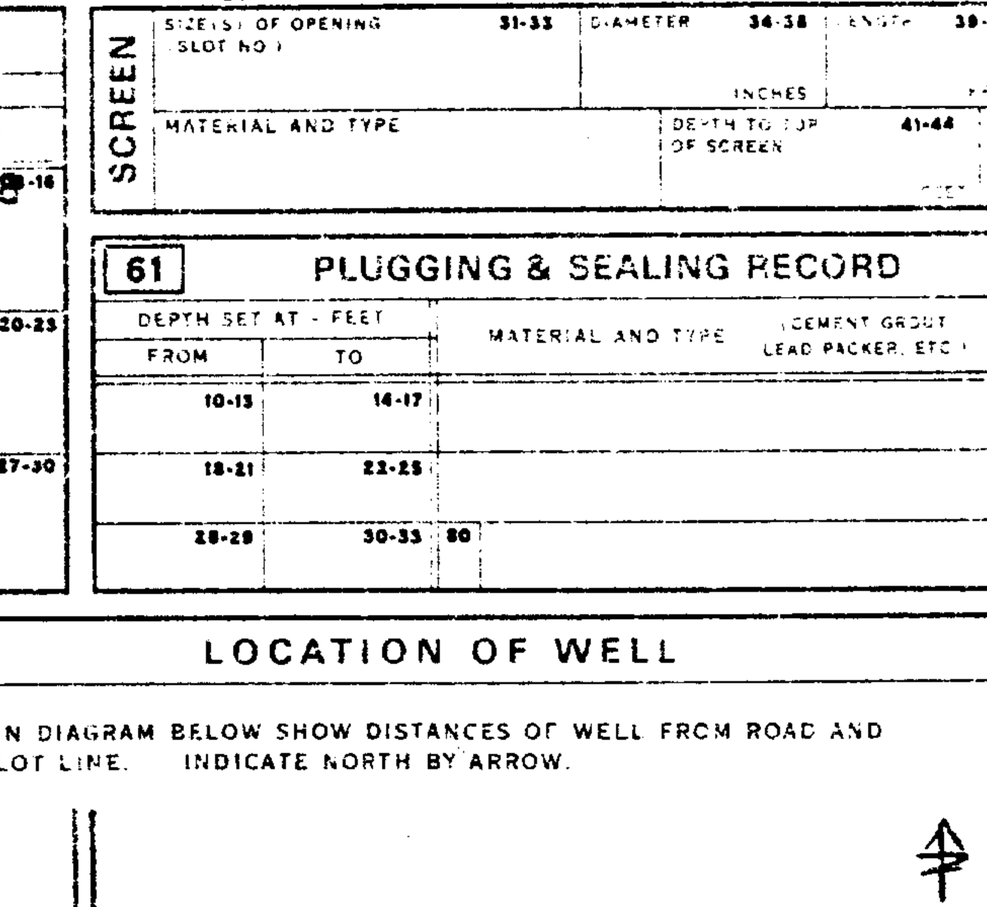
RECOMMENDED PUMP SETTING 43-45: 25 FEET

RECOMMENDED PUMPING RATE 46-49: 5 GPM

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

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL (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)

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)

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: O. Mowat | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Walter Kavanagh | SUBMISSION DATE: DAY 30 MO. 9 YR. 74

OFFICE USE ONLY

DATA SOURCE 58 | CONTRACTOR 59-62 | DATE RECEIVED 63-68: 751074 | 80

DATE OF INSPECTION | INSPECTOR

REMARKS: P WI

FORM 7 07-091

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MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

31F/8a

Ontario

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

11 | 1575638 | MUNICIPALITY 15005 | CON. CON | LOT 02

COUNTY OR DISTRICT: CARLETON | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: CARP | CON., BLOCK, TRACT, SURVEY, ETC.: PLAN 218 CHURCH ST CON 2 | LOT: 02

[redacted] CARP ONT | DATE COMPLETED: DAY 17 MO. 09 YR. 76

UTM 521520 4 | ELEVATION 0308 | DIG 4 | BORE HOLE CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	SAND	GRAVEL	HARD	0	76

31 | 32 | 00706281173

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0076	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
03	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	STD	0 0076	
	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	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER | PUMPING RATE: 0007 GPM | DURATION OF PUMPING: 02 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
017 FEET	017 FEET		017 FEET	017 FEET	017 FEET	017 FEET

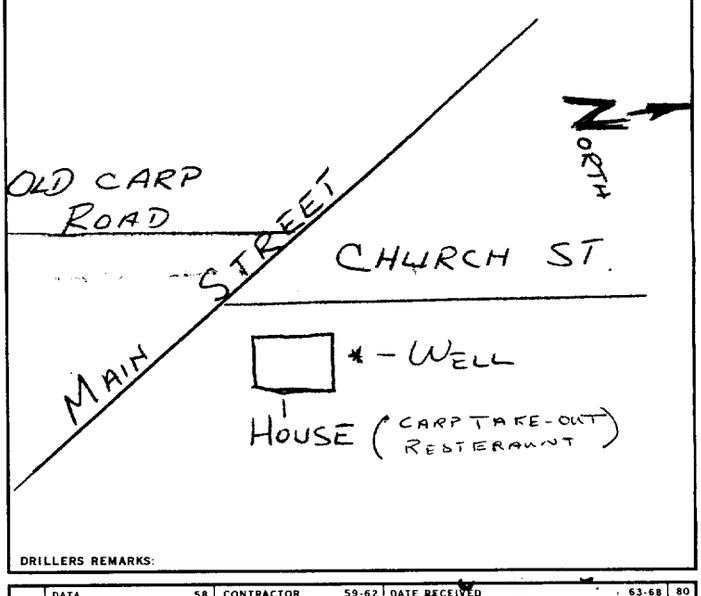
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: 35 FEET | WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP | RECOMMENDED PUMP SETTING: 035 FEET | RECOMMENDED PUMPING RATE: 0006 GPM

50-53 GREATEST 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 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 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED ☐ OTHER

METHOD OF DRILLING 57 9: 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: W. A. DEEVY | LICENCE NUMBER: 1703

ADDRESS: 309 ASHTON

NAME OF DRILLER OR BORER: W. DEEVY | LICENCE NUMBER: 1703

SIGNATURE OF CONTRACTOR: W A Deevy | SUBMISSION DATE: DAY 25 MO. 09 YR. 76

OFFICE USE ONLY

DATA SOURCE 58: 1 | CONTRACTOR 59-62: 1703 | DATE RECEIVED 63-68: 191076

DATE OF INSPECTION: June 7/77 | INSPECTOR: TAS

REMARKS:

P 75

WI

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FORM 7 07-091

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 | 1575638 | MUNICIP | Lot 1/8

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
CARLETON	~~CARP~~ (March Fotzroy)	CHURCH ST PLAN 218	1+2

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
[redacted]	CARP ONT	DAY 17 MO 09 YR 76

WELL NO. | RC | ELEVATION | RC | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	SAND	GRAVEL	HARD	0	76

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
76	1 ☑ FRESH 3 ☐ SULPHUR 4 ☐ 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
3	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE		0	76
	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

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN (FEET)

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER | PUMPING RATE: 7 GPM | DURATION OF PUMPING: 2 HOURS ___ MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☑ PUMPING 2 ☐ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
17 FEET	17 FEET	17 FEET	17 FEET	17 FEET	17 FEET

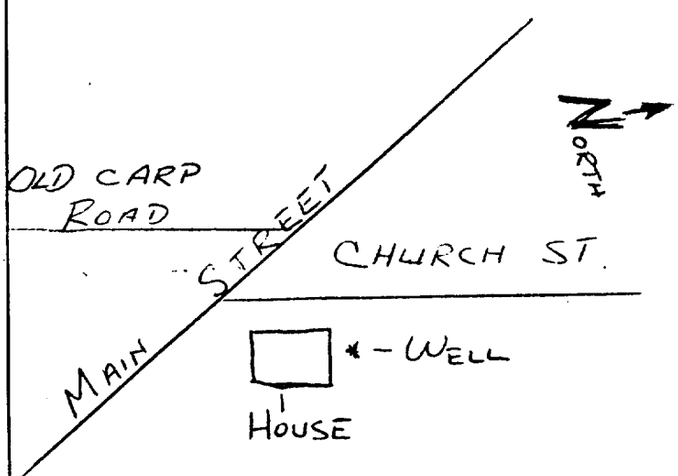
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	35 FEET	1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☑ SHALLOW ☐ DEEP	35 FEET	6 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: W. A. DEEVY | LICENCE NUMBER: 1703

ADDRESS: 309 ASHTON

NAME OF DRILLER OR BORER: W. DEEVY | LICENCE NUMBER: 1703

SIGNATURE OF CONTRACTOR | SUBMISSION DATE: DAY 25 MO 09 YR 76

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR | DATE RECEIVED: 19 10 76

DATE OF INSPECTION | INSPECTOR

REMARKS: CSS.88 | P | WI

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MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

Ontario

S.P.M.

31F8a

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

11 | 1515887 | MUNICIP 1500S | CON CON 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	
Carleton	West Carleton (Huntley)	2	018 35

[redacted] 15 Main St. Carp, Ontario — DATE COMPLETED DAY 01 MO 04 YR 77

UTM/TOWNSHIP 02 1480 | RR 4 | ELEVATION 0320 | RC 4 | BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
brown	gravel	sand	fill	0	2
grey	clay	sand	soft	2	40
grey	sand		packed	40	95
grey	gravel		packed	95	100

31 0002611 2801 | 0002052885 | 0005228 79 | 0100 21179

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0100	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	0100
	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	0030 GPM	02 HOURS 00 MINS

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

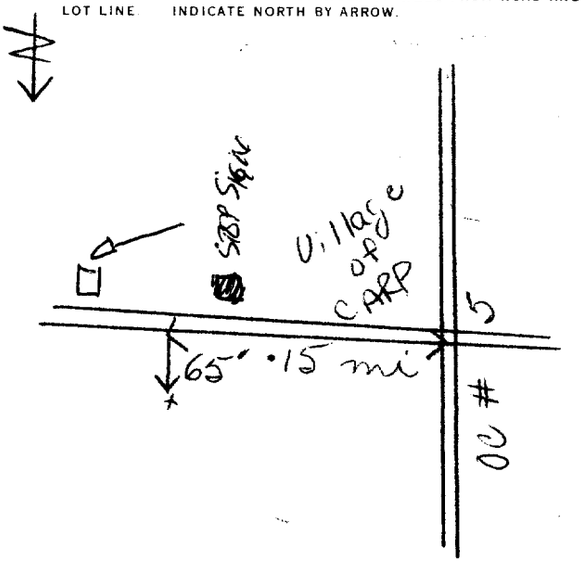
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☒ DEEP	050 FEET	0005 GPM

50-53 — — — • — GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

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



DRILLERS REMARKS:

FINAL STATUS OF WELL 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 1	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: J. Moore — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [signature] — SUBMISSION DATE: DAY 4 MO. 4 YR. 77

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 1558 | DATE RECEIVED 100577

DATE OF INSPECTION MAY 30/78 | INSPECTOR K

REMARKS: 2 STOREY BROWN WOOD SIDED HOUSE - RED TRIM

P ✓

WI

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FORM 7 MOE 07-091

MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

31F8a

Ontario

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

11 1517625 MUNICIP 15005 CON. CON 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Ottawa-Carleton	West Carleton - Huntley	Con 2 Lot 15 Plan 245	016 16

[redacted]
ADDRESS: Box 161, Carp, Ontario KOA 1LO

DATE COMPLETED: DAY 09 MO 07 YR 81

UTM ZONE 18 | NORTHING 5021499 | EASTING 0315 | 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		Packed	0	6
Blue	Clay	Boulders	Hard	6	11
Gray	Granite		Hard	11	30
Red Gray	Granite		Porous	30	42
Gray	Granite		Very Hard	42	140
Gray Green	Granite		Hard	140	260

31 00066287 9 | 0091130513 7 3 | 0030221 7 3 | 0042721 8 0 | 0140221907 3 | 0260221 7 3

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0036 ft	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0195 ft	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0255 ft	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 6 5/8 4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0021
06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		21	0180
06 5 5/8 4	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		180	0260

SCREEN

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

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☒ BAILER

PUMPING RATE: 0007 GPM | DURATION OF PUMPING: 02 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY			
070 FEET	140 FEET	15 MINUTES 140 FEET	30 MINUTES 140 FEET	45 MINUTES 140 FEET	60 MINUTES 140 FEET

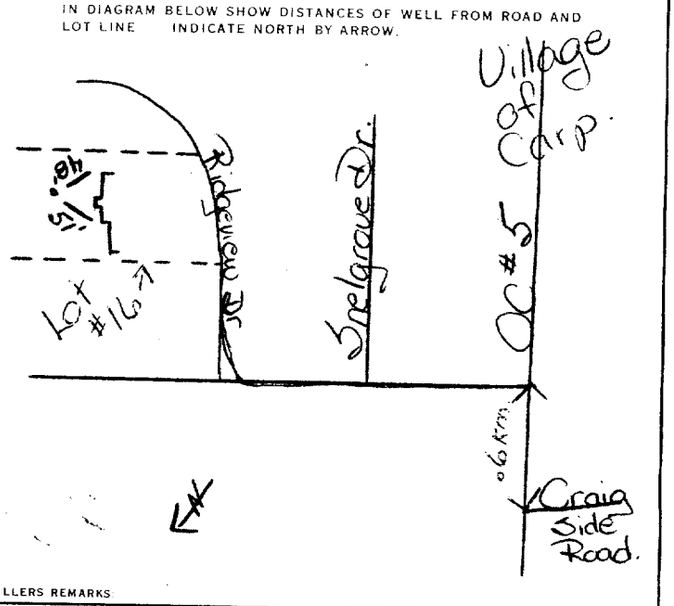
IF FLOWING, GIVE RATE: GPM | PUMP INTAKE SET AT: FEET | WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP | RECOMMENDED PUMP SETTING: 200 FEET | RECOMMENDED PUMPING RATE: 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 1
1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd. | LICENCE NUMBER: 1558
ADDRESS: Box 490, Stittsville, Ontario KOA 3GO
NAME OF DRILLER OR BORER: M. Kavanagh | LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: [signature] | SUBMISSION DATE: DAY 31 MO 07 YR 81

OFFICE USE ONLY
DATA SOURCE 1 | CONTRACTOR 1558 | DATE RECEIVED 22 09 81
DATE OF INSPECTION | INSPECTOR
REMARKS: CSS. 60 | P | WI

MINISTRY OF THE ENVIRONMENT COPY

FORM 7 MOE 07-091

8313

Ministry of the Environment
Ontario

The Ontario Water Resources Act 31F8a

WATER WELL RECORD

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

11 — 1518827 — MUNICIP 15005 — CON. CON 02

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC	LOT
CARLETON	Huntley	II	018

[redacted] NINGSIDE SUBDIVISION CARP. ONT.

DATE COMPLETED: DAY 06 MO 05 YR 83

UTM/NTS 021599 — RC — ELEVATION 0310 — RC — 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		Loose	0	25
Brown	Clay		Packed	25	85
Black	Boldero		Hard	85	100
Brown	sand		Loose	100	123
Black	Granite		~~Hard~~ Hard	123	207

MOE VF-18

31 — 0025[illegible]28[illegible]77 — 0085[illegible]05[illegible]79 — 0100[illegible]813[illegible]73 — 0123628[illegible]77 — 0207821[illegible]73

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
020[illegible]	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
~~6~~ 4 06	1 ☑ STEEL / 2 ☐ GALVANIZED / 3 ☐ CONCRETE / 4 ☐ OPEN HOLE	188	0	0128
	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 AIR 2 ☐ BAILER — PUMPING RATE 020 GPM — DURATION OF PUMPING 01 HOURS 00 MINS

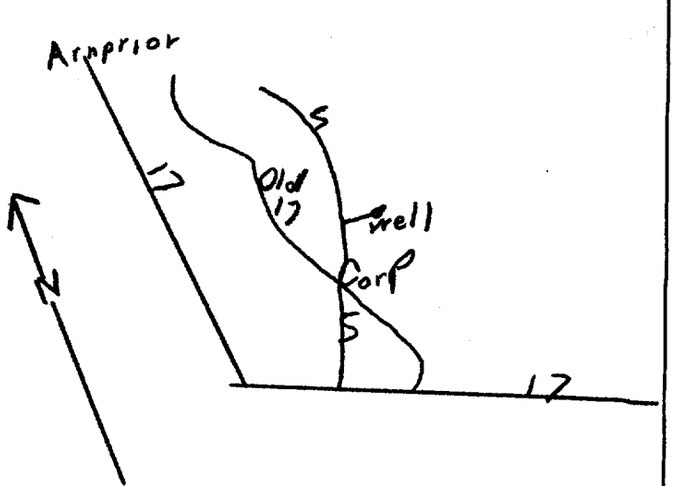
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
015 FEET	FEET		FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE GPM — PUMP INTAKE SET AT 195 FEET — WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☐ DEEP — RECOMMENDED PUMP SETTING 195 FEET — RECOMMENDED PUMPING RATE 0015 GPM

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 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 / 5 ☐ COMMERCIAL / 6 ☐ MUNICIPAL / 7 ☐ PUBLIC SUPPLY / 8 ☐ COOLING OR AIR CONDITIONING / ☐ OTHER / 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: George H Law & Son Ltd — LICENCE NUMBER 3323

ADDRESS: Calabogie Ontario

NAME OF DRILLER OR BORER: Alfred Law — LICENCE NUMBER 3352

SIGNATURE OF CONTRACTOR: A H Law — SUBMISSION DATE DAY 10 MO 9 YR 83

OFFICE USE ONLY

DATA SOURCE 58: 1 — CONTRACTOR 59-62: 3323 — DATE RECEIVED 63-68: 010384

DATE OF INSPECTION — INSPECTOR

REMARKS: CSS, GS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

8313

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 1518827

MUNICIP. CON.

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC	LOT
CARLETON	Huntley		18

[redacted] NINGSIDE SUBDIVISION CARP. ONT.

DATE COMPLETED: DAY 06 MO 05 YR 83

NING | RC. | ELEVATION | RC. | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Sand		Loose	0	25
Brown	Clay		Packed	25	85
Black	Boldero		Hard	85	100
Brown	sand		Loose	100	123
Black	Granite		[redacted] Hard	123	207

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
208	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
6¼	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	128
	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	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 AIR	20 GPM	1 HOURS ___ MINS

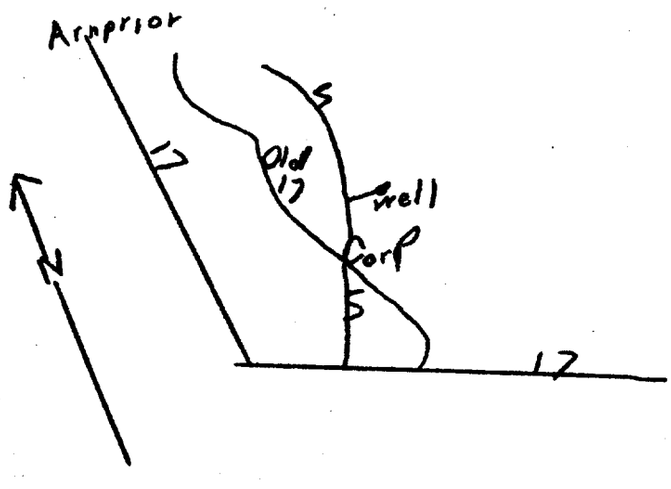
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☑ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
15 FEET	FEET	FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	195 FEET	1 ☑ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☐ DEEP	195 FEET	15 GPM

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

WATER USE

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

METHOD OF DRILLING

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

CONTRACTOR

NAME OF WELL CONTRACTOR	LICENCE NUMBER
George H Law & Son Ltd	3323
ADDRESS: Calabogie Ontario	
NAME OF DRILLER OR BORER: Alfred Law	LICENCE NUMBER 3352
SIGNATURE OF CONTRACTOR: A H Law	SUBMISSION DATE: DAY 10 MO 9 YR 83

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
		01 03 84
DATE OF INSPECTION	INSPECTOR	
REMARKS		

CSS. BS

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31F8a 8314

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
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(11) 1518879 MUNICIP 15005 CON. CON 02

COUNTY OR DISTRICT: OTT. CARLETON
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE:
CON., BLOCK, TRACT, SURVEY, ETC.: II
LOT: 018
[redacted]
RNINGSIDE SUBDIVISION CARP ONT.
DATE COMPLETED: DAY 10 MO 05 YR 83
WATER: 021599 RC: 4 ELEVATION: 0310 RC: 4 BASIN CODE: 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	sand		Loose	0	25
Brown	clay		Packed	25	85
Black	Boulders		Hard	85	105
Black	Granite		Hard	105	228

MOE VF-18

(31) 00256287 7 | 00851057 9 | 01058137 3 | 02288217 3
(32)

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
223	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
6 06	1 ☑ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	0	0110
	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

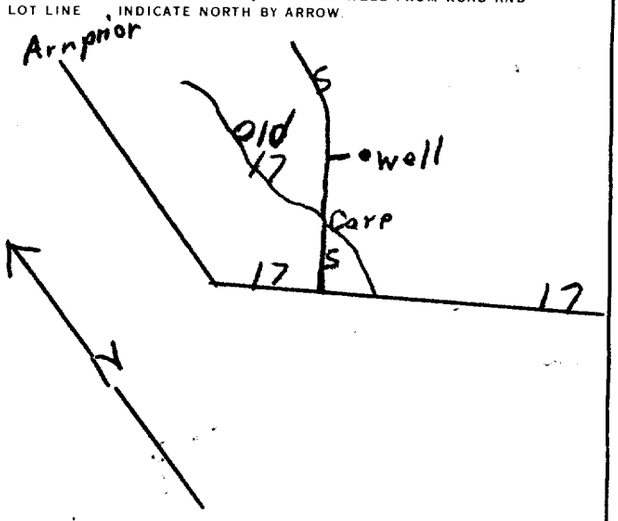
PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER
PUMPING RATE: 0010 GPM
DURATION OF PUMPING: 0 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☑ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
015 FEET	223 FEET	128 FEET	065 FEET	032 FEET	015 FEET

IF FLOWING, GIVE RATE: GPM
PUMP INTAKE SET AT: 200 FEET
WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP
RECOMMENDED PUMP SETTING: 200 FEET
RECOMMENDED PUMPING RATE: 0005 GPM

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 (54) 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 (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: George H Law & Son Ltd — LICENCE NUMBER: 3323
ADDRESS: Calabogie Ontario
NAME OF DRILLER OR BORER: Alfred Law — LICENCE NUMBER: 3352
SIGNATURE OF CONTRACTOR: Alf Law — SUBMISSION DATE: DAY 12 MO. 9 YR. 83

OFFICE USE ONLY

DATA SOURCE (58) 1 | CONTRACTOR (59-62) 3323 | DATE RECEIVED (63-68) 010384
DATE OF INSPECTION | INSPECTOR
REMARKS

CSS. ES

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Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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11 1518879

MUNICIP. CON.

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC	LOT
OTT. CARLETON	[redacted]		2

[redacted] RNINGSIDE SUBDIVISION CARP ONT. DATE COMPLETED DAY 10 MO 05 YR 8

BEARING RC. ELEVATION RC. BASIN CODE II III IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	sand		Loose	0	25
Brown	clay		Packed	25	85
Black	Boulders		Hard	85	105
Black	Granite		Hard	105	228

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
223	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
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	110
	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	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)

71 PUMPING TEST

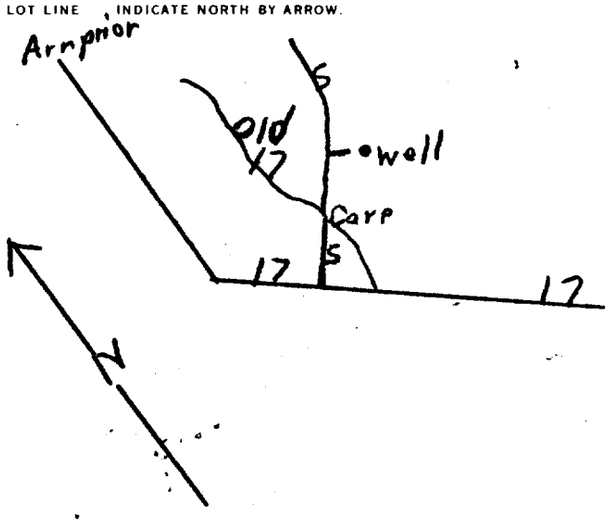
PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☒ PUMP 2 ☐ BAILER	10 GPM	HOURS / MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
15 FEET	223 FEET	1 ☐ PUMPING 2 ☒ RECOVERY	128 FEET	65 FEET	32 FEET	15 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST	RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
GPM	200 FEET	1 ☒ CLEAR 2 ☐ CLOUDY	☐ SHALLOW ☒ DEEP	200 FEET	5 GPM

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

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

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

CONTRACTOR

NAME OF WELL CONTRACTOR: George H. Law & Son Ltd — LICENCE NUMBER: 3323
ADDRESS: Calabogie Ontario
NAME OF DRILLER OR BORER: Alfred Law — LICENCE NUMBER: 3352
SIGNATURE OF CONTRACTOR: Alf Law — SUBMISSION DATE: DAY 12 MO 9 YR 83

OFFICE USE ONLY

DATA SOURCE — CONTRACTOR — DATE RECEIVED — 010384
DATE OF INSPECTION — INSPECTOR
REMARKS

CSS. ES

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FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 1518961

COUNTY OR DISTRICT [redacted] | TOWN, BOROUGH, CITY, TOWNSHIP ETC. Coulton | CON. BLOCK, TRACT, SURVEY, ETC. Lot 3 | LOT 218 | CON.

DATE COMPLETED DAY 30 MO Oct YR 83

21

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Loam			0	10
Sand				10	73
Grey & Brown	Limestone			73	100

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
80	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
92	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6-1/4	1 ☒ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	0	75
	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	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	50 GPM	1 HOURS ___ MINS

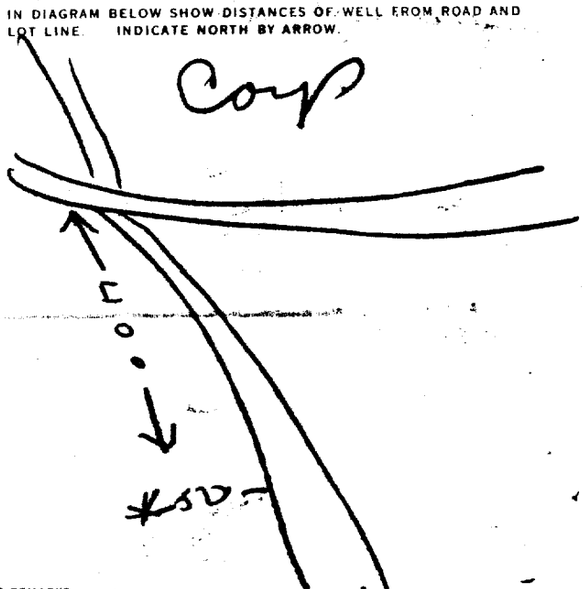
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
20 FEET	60 FEET	1 ☒ PUMPING 2 ☐ RECOVERY	40 FEET	60 FEET	60 FEET	60 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	95 FEET	1 ☒ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☒ DEEP	60 FEET	50 GPM

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: Sands well drilling | LICENCE NUMBER: 4767

ADDRESS: RR#2 Corp

NAME OF DRILLER OR BORER: Sam | LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: R Sands | SUBMISSION DATE: DAY 30 MO Oct YR 83

MINISTRY OF THE ENVIRONMENT COPY

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR | DATE RECEIVED: 120684

DATE OF INSPECTION | INSPECTOR

REMARKS

CASES

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

31F8a

1. PRINT ONLY IN SPACES PROVIDED
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11 — 1518961 — MUNICIPALITY 15005 — CON. CON — 03

COUNTY OR DISTRICT: Carleton — TOWNSHIP, BOROUGH, CITY, TOWN: West Carleton — CON. BLOCK, TRACT, SURVEY, ETC.: Ward 3 — LOT: 018 24

[redacted] Corp on

DATE COMPLETED: DAY 30 MO 04 YR 84

[illegible] 21399 — RG 4 — ELEVATION 0310 — RG 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
Brow	Soon			0	10
Sand				10	73
Grey & Brow	Limest			73	100

MOE WF 18

31 — 0010692 — 0073 28 — 0100215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0080	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
0092	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
6	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0075
06	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	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE: 0050 GPM

DURATION OF PUMPING: 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
020 FEET	060 FEET	040 FEET	060 FEET	060 FEET	060 FEET

IF FLOWING GIVE RATE: — GPM

PUMP INTAKE SET AT: 95 FEET

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

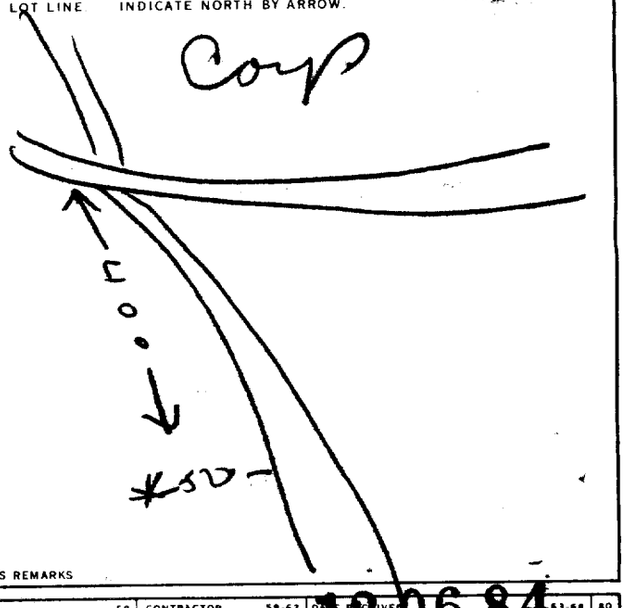
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☐ DEEP

RECOMMENDED PUMP SETTING: 060 FEET

RECOMMENDED PUMPING RATE: 0050 GPM

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: 4

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: Sauds well Drilling — LICENCE NUMBER: 4767

ADDRESS: RR#2 Corp

NAME OF DRILLER OR BOREHOLE: Sam — LICENCE NUMBER: —

SIGNATURE OF CONTRACTOR: R Sauds — SUBMISSION DATE: DAY 30 MO 04 YR 84

OFFICE USE ONLY

DATA SOURCE: 1 — CONTRACTOR: 4767 — DATE RECEIVED: 12 06 84

DATE OF INSPECTION: — INSPECTOR:

REMARKS: CSS.BS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

1525403

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

11 HUNTLEY MUNICIP 15005 CON. CON 05

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON, BLOCK, TRACT, SURVEY, ETC.	LOT
[redacted]	EST CARLETON	5	18

1977 DIAMONDVIEW ROAD

DATE COMPLETED: DAY 22 MO 3 YR 91

ELEVATION CARP. RC BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	CLAY		PACKED	0'	20'
GREY	CLAY		LOOSE	20'	38'
GREY	LIMESTONE		HARD	38'	60'
BROWN	LIMESTONE		POROUS	60'	110'
GREY/BLACK	LIMESTONE		POROUS	110'	165'

31
32

41 WATER RECORD

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

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	1.88	0'	40'
6''	4 ☒ OPEN HOLE		40'	165'
17-18	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			27-30

SCREEN

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

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	37	CLAY SLURRY
		ROCK CUTTINGS

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☒ BAILER
PUMPING RATE: 6 GPM
DURATION OF PUMPING: 2 HOURS MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
14 FEET	120 FEET	120 FEET	120 FEET	120 FEET	120 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: 150 FEET
RECOMMENDED PUMPING RATE: 6 GPM

FINAL STATUS OF WELL

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

WATER USE

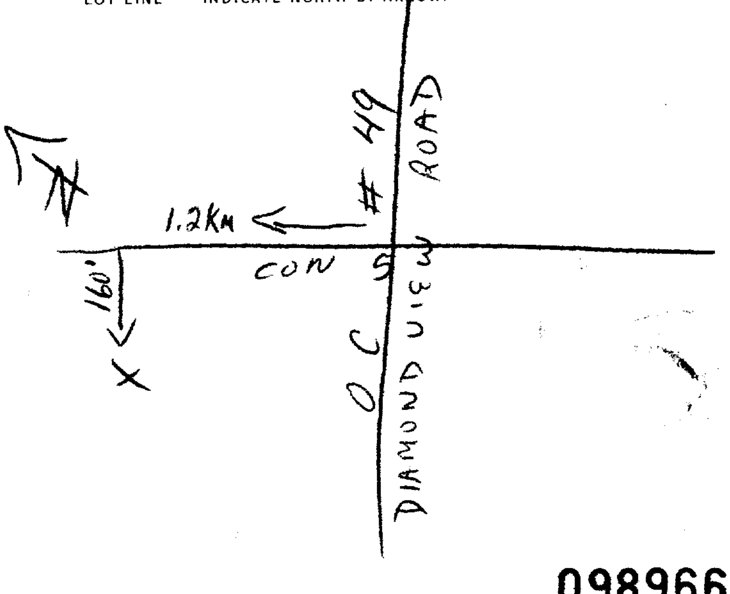
1 ☒ DOMESTIC
2 ☐ STOCK
3 ☐ IRRIGATION
4 ☐ INDUSTRIAL
☐ OTHER
5 ☐ COMMERCIAL
6 ☐ MUNICIPAL
7 ☐ PUBLIC SUPPLY
8 ☐ COOLING OR AIR CONDITIONING
9 ☐ NOT USED

METHOD OF CONSTRUCTION

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

LOCATION OF WELL

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



098966

DRILLERS REMARKS

CONTRACTOR

NAME OF WELL CONTRACTOR: M. KAVANAGH & SON WELL DRILLING
WELL CONTRACTOR'S LICENCE NUMBER: 3142
ADDRESS: RR2 CARLETON PLACE
NAME OF WELL TECHNICIAN: MIKE KAVANAGH
WELL TECHNICIAN'S LICENCE NUMBER: T-0014
SIGNATURE OF TECHNICIAN/CONTRACTOR: M K Cavanagh
SUBMISSION DATE: DAY 25 MO 3 YR 91

OFFICE USE ONLY

DATA SOURCE CONTRACTOR 3142 DATE RECEIVED MAY 02 1991
DATE OF INSPECTION INSPECTOR
REMARKS
CSS. ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ontario Ministry of the Environment

Well Tag No. A 032184 (Affix Sticker and/or Print Below)

A032184

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

[redacted]

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
422 Donald Munro Drive	West Carleton-March	24 & Part 25	

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Carp	Ontario	K0A 1L0

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation
NAD 83	18	418909	5021756	Magellan	explorist	☑ Undifferentiated ☐ Averaged ☐ Differentiated, specify

Overburden and Bedrock Materials *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
	topsoil	gravel	topsoil	0	0.6
brown	sand		medium sand	0.6	1.5
gray	clay		clay	1.5	6.0

BH1 is monitoring well
BH2 - no installation

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	6.0	5.0

Water Use

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

Method of Construction

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

Status of Well

☑ Test Hole ☐ Abandoned, Insufficient Supply
☐ Replacement Well ☐ Abandoned, Poor Water Quality
☐ Dewatering Well ☐ Other, specify
☐ Alteration (Construction) ☐ Abandoned, other, specify

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To
3.5	plastic riser	0.3	0	3.0
3.5	plastic screen	0.3	3.0	6.0

No Casing and Screen Used

Open Hole ☐ Yes ☐ No

Static Water Level Test

Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

Outside Diameter (Centimetres)	Slot No.
4.1	10

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	2.3	bentonite pellets	
2.3	6.0	filter sand	½ bag

Water Details

Water found at Depth	Kind of Water
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Metres ☐ Gas	☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Disinfected ☐ Yes ☐ No If no, provide reason:

Date Master Well Completed (yyyy/mm/dd): 2008/07/11

Cluster Information *(Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)*

Total Wells in Cluster	Please indicate Number of Cluster Well Information Log Sheets Submitted
1	
Total Wells on this Property: 1	

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.

☑ Check box to confirm detailed map is provided as per Section 11.1 (3)

Consent to release additional information concerning the cluster to the Director upon request

[redacted]

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
OGS Inc	6964

Business Address (Street No./Name, number, RR)	Municipality
5518 Appleton Side Road	Almonte

Province	Postal Code	Business E-mail Address
Ontario	K0A 1A0	ogsinc@bellnet.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6132567666	Ohlmann Wilf

Well Technician's Licence No.	Signature of Technician	Date Submitted (yyyy/mm/dd)
2594	Wilf Ohlmann	2008/08/08

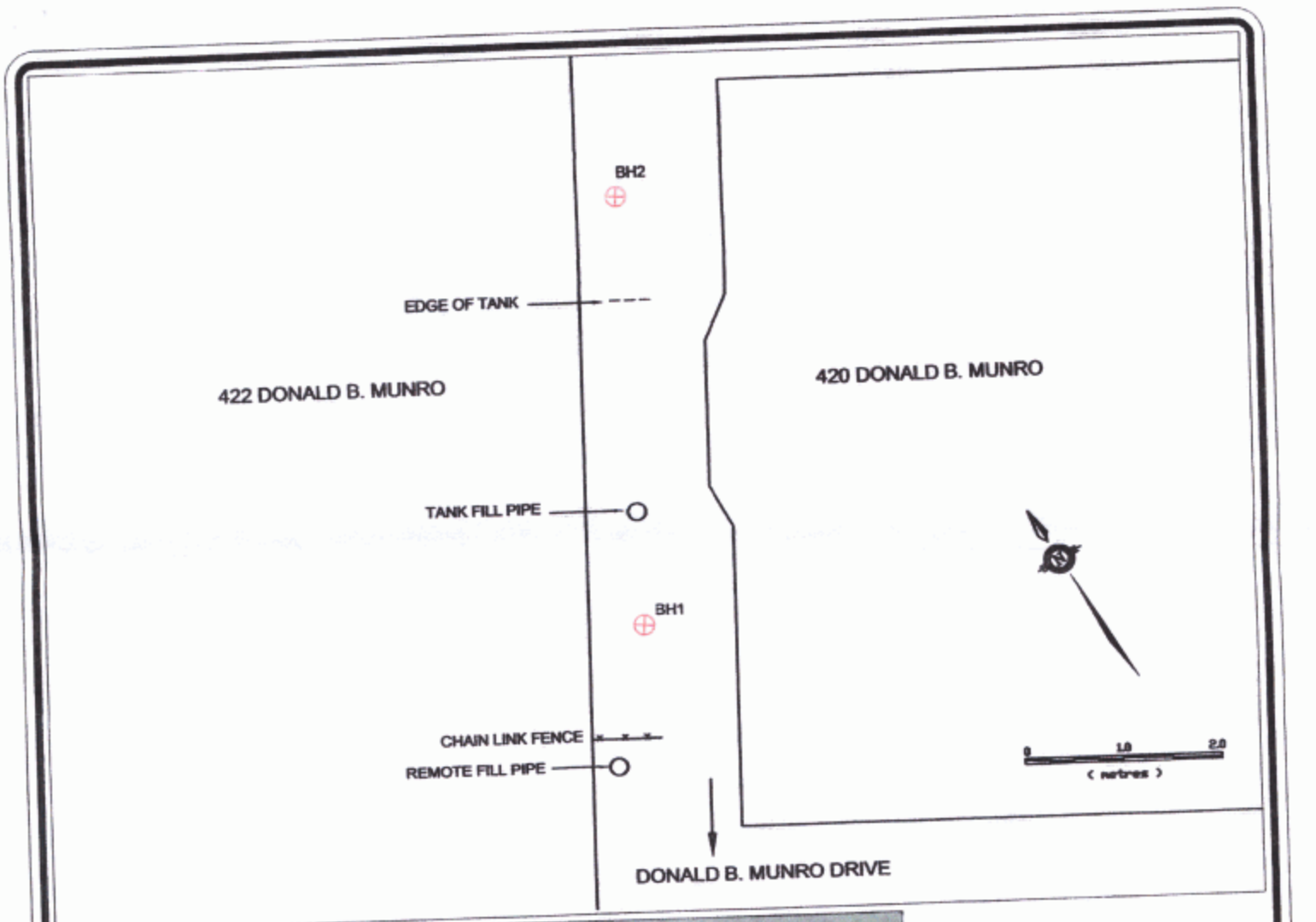
Ministry Use Only

Audit No.	Well Contractor No.
M 03131	
Date Received (yyyy/mm/dd): AUG 13 2008	Date of Inspection (yyyy/mm/dd)

Remarks: (A) MAPS

1992 (11/2006)

Ministry's Copy



LEGEND:

⊗ BOREHOLE LOCATION

SITE PLAN

422 DONALD B. MUNRO DRIVE
CARP, ONTARIO

C-6964 AUG 13 2008 M 03131

C-6964 AUG 13 2008 M03131

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: ☑ Metric ☐ Imperial

W[illegible] **Tag#: A182602** *Below)*

A182602

Well Record

Regulation 903 Ontario Water Resources Act

5-21062 Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
461 Donald B Monroe			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	418713	5021750		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BRN	Gravel	Sand	Loose	0	.61
BRN	Sand	Silt	Soft	.61	3.1
GRY	Sand	Silt	Soft	3.1	6.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete Flushmount	
.31	2.74	Bentonite	
2.74	6.1	Sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
4.03	PVC	3.68	0	3.1

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
4.82	PVC	10	3.1	6.1

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	6.1	8-25

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See MAP

MW 2

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata drilling Group	7241

Business Address (Street Number/Name)	Municipality
105 Shields Court	Markham

Province	Postal Code	Business E-mail Address
ON	L3R 8V2	Wrecords@Stratad.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
9059407919	Halladay Phil

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3832	[signature]	2017/11/06

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered: ____

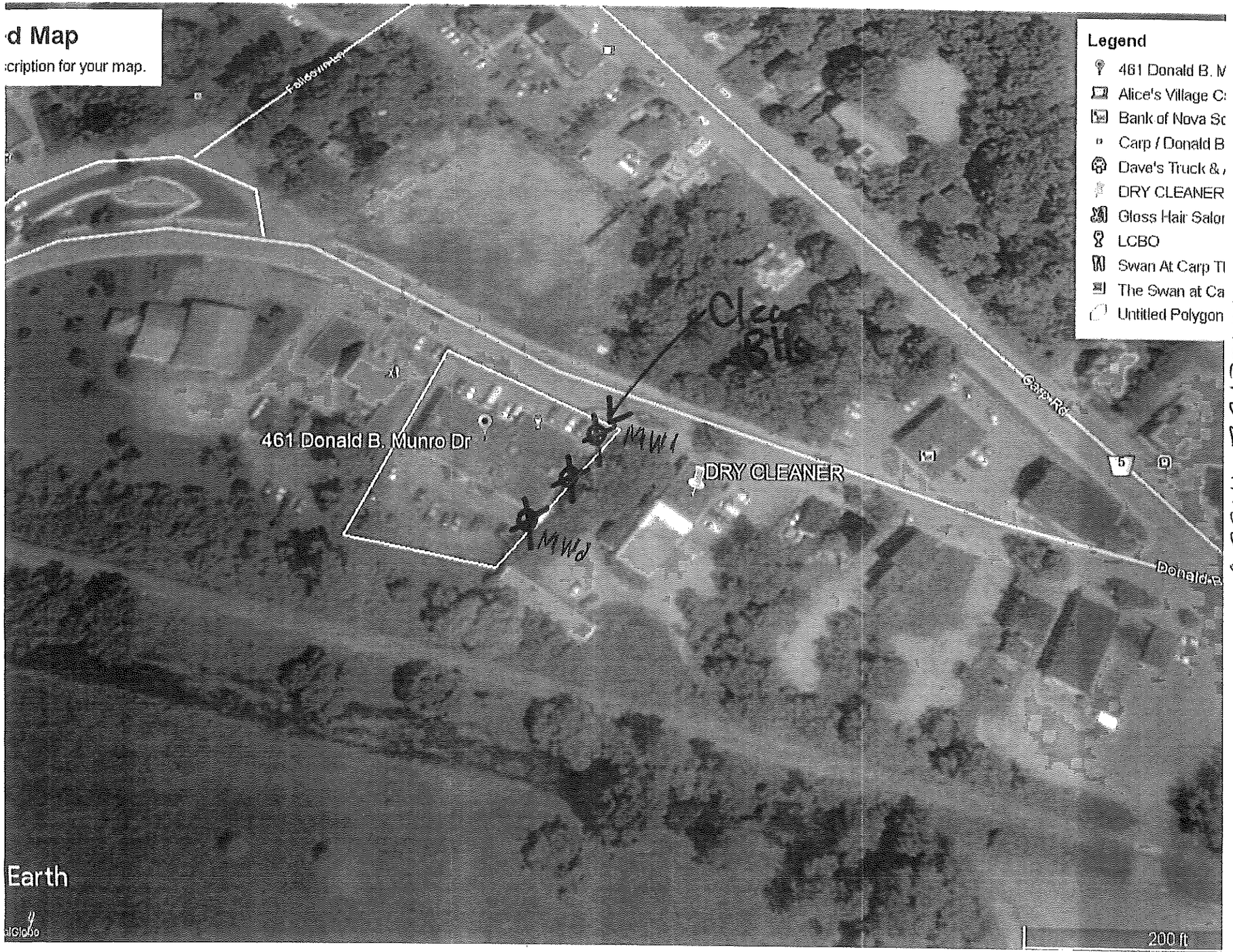
Date Work Completed: 2017/11/07

Ministry Use Only

Audit No. Z268044

Received DEC 22 2017

0506E (2014/11) Ministry's Copy



DEC 2 2017

C-27741 2.680444

S-21062

Ontario

Ministry of the Environment and Climate Change

Measurements recorded in: ☑ Metric ☐ Imperial

We Tag#: A182601 Below)

A182601

Well Record

Regulation 903 Ontario Water Resources Act

S-21062 Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
461 Donald B Munro			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	418715	5021766		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BRN	Gravel	Sand	Loose	0	.61
BRN	Sand		Soft	.61	4.57
BRN	Silt	Sand	Soft	4.57	7.62

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete / Flushmount	
.31	3.96	Bentonite	
3.96	7.62	Sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
4.03	PVC	368	0	4.57

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
4.82	PVC	10	4.57	7.62

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	7.62	8.25

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See MAP

MW 1

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7241

Business Address (Street Number/Name)	Municipality
165 Shields Court	Markham

Province	Postal Code	Business E-mail Address
ON	L3R8U2	Wwoods@stratasoil.ca

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
905 940 7919	Halladay Phil

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3832		2017/11/10

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered: Y Y Y Y M M D D

Date Work Completed: 2017/11/07

Ministry Use Only

Audit No. Z268043

DEC 22 2017

Received

0506E (2014/11)

Ministry's Copy

DEC 22 2017

C-1241 Z-280043

S-21062

Ontario

Ministry of the Environment, Conservation and Parks

Well Record

...ion 903 Ontario Water Resources Act

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A269012 Tag#:A269012

S-23657

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Karson Holdings Inc.		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
3232 Carp Road	Carp	ON	K0A1L0	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
3725 Carp Road			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	441880	5021645		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
GRY	gravel	sand	loose	0	.37
BRN	sand	silt	soft	.37	2.13
GRY	silt	gravel	dense	2.13	2.74

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.37	concrete/flushmount	
.37	.76	bentonite	
.76	2.74	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	0	.91

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	.91	2.74

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	2.74	8.89

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7214

Business Address (Street Number/Name)	Municipality
165 Shields Court	Markham

Province	Postal Code	Business E-mail Address
ON	L3R8V2	wellrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
9059407919	McCoy, James

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7101		2019/06/20

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map

MW1

Comments:

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered Y Y Y Y M M D D

Date Work Completed 2019/05/31

Ministry Use Only

Audit No. Z311165

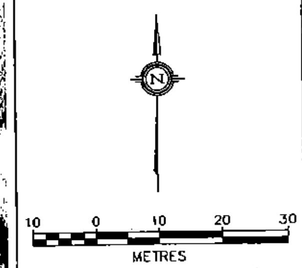
Received JUL 23 2019

JUL 23 2019

0506E (2018/12)

Ministry's Copy

LEGEND



ENVIRONMENT & INFRASTRUCTURE
300-210 COLONNADE ROAD
OTTAWA, ONTARIO CANADA

TITLE

PROPOSED BOREHOLE LOCATIONS

PROJECT

ENVIRONMENTAL SITE ASSESSMENT

CLIENT

DESIGNED BY	XXX	DRAWN BY	XXX
CHECKED BY	XXX	DATE	XXX
PROJECT NO.	TZ97XXX	SCALE	1 : 750
FIGURE NO.	XX		

\\OTT-FS1\PROJECTS\2015\PROJECTS\TZ15053_KARSON_CARP_ROAD\11_CAD\KARSON DRAWINGS - PROPOSED.DWG

C-7241 Z31165

Ontario

Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A269014 Tag#: A269014

Well Record

...lation 903 Ontario Water Resources Act

S-23651 Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Karson Holdings Inc.		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
3232 Carp Road	Carp	ON	K0A 1L0	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
3725 Carp Road			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	441894	5021566		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
GRY	gravel	sand	loose	0	.31
BRN	sand	silt	soft	.31	2.74
GRY	silt	gravel	dense	2.74	3.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed *(m³/ft³)*
0	.31	concrete / Bushmount	
.31	.76	bentonite	
.76	3.1	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter *(cm/in)*	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness *(cm/in)*	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	0	.91

Construction Record - Screen

Outside Diameter *(cm/in)*	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	.91	3.1

Status of Well

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

Water Details

Water found at Depth (m/ft)	Kind of Water	Hole Diameter Depth From	Depth To	Diameter (cm/in)
☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*	0	3.1	8.89
☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*			
☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*			

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

see Map
MW2

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7241

Business Address (Street Number/Name)	Municipality
165 Shields Crt	Markham

Province	Postal Code	Business E-mail Address
ON	L3R 8V2	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
905 940 7919	McCoy, James

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7101		2019 06 20

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	Y Y Y Y M M D D	2019 06 13

Ministry Use Only

Audit No. Z311166

JUL 23 2019

Received

0506E (2018/12)

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JUL 2 3 2019

C-7241-231162

Ontario — Ministry of the Environment, Conservation and Parks

Well Record

Regulation 903 Ontario Water Resources Act

Well Tag No. (Place Sticker and/or Print Below): A268950 — Tag#:A268950

Measurements recorded in: ☑ Metric ☐ Imperial

S23651 Page ____ of ____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Karson Holdings Inc.		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
3232 Carp Road	Carp	ON	K0A 1L0	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
3725 Carp Road			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	441888	5021595		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
DRY	gravel	sand	loose	0	.31
BRN	sand	silt	soft	.31	2.13
GRY	silt	gravel	dense	2.13	3.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	concrete/Plushmount	
.31	.76	bentonite	
.76	3.1	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	0	.91

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	.91	3.1

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	3.1	8.89

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7124

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
165 Shields Crt	Markham	ON	L3R 8V2	wrecords@stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
905 940 7919	McCoy, James	7101		2019 06 06

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map

MW3

Comments:

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	Y Y Y Y M M D D	2019 05 31

Ministry Use Only

Audit No. Z311167

JUL 23 2019

Received

0506E (2018/12)

Ministry's Copy

JUL 2 3 2019

C-7244 73117

Ontario

Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A266951 Tag#:A268951

Well Record

gulation 903 Ontario Water Resources Act

5-23657

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Karson Holdings Inc		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
3232 Carp Road	Carp	ON	K0A 1L0	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
3725 Carp Road			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	441886	5021631		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
GRY	gravel	sand	loose	0	.31
BRN	sand	silt	soft	.31	1.02
GRY	silt	gravel	dense	1.02	3.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed *(m³/ft³)*
0	.31	concrete/Cuttings	
.31	.76	bentonite	
.76	3.1	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter *(cm/in)*	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness *(cm/in)*	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	0	.91

Construction Record - Screen

Outside Diameter *(cm/in)*	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	.91	3.1

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter *(cm/in)*
0	3.1	8.89

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map
MW4

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7141

Business Address (Street Number/Name)	Municipality
165 Shields Crt	

Province	Postal Code	Business E-mail Address
ON	L3R 8V2	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
9059407919	McCoy, James

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7101		2019 06 10

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	Y Y Y Y M M D D	2019 05 31

Ministry Use Only

Audit No. Z311168

JUL 23 2019 Received

0506E (2018/12)

Ministry's Copy

JUL 2 3 2019

C-7211-731168

Ontario

Ministry of the Environment, Conservation and Parks

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A269017 Tag#:A269017

Well Record

ation 903 Ontario Water Resources Act

S-23657 Page ____ of ____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Carson Holdings Inc		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
3232 Carp Road	Carp	ON	K0A 1L0	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
3725 Carp Road			

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

UTM Coordinates NAD 83	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
	18	441834	5021630		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
GRY	gravel	sand	loose	0	.31
BRN	sand	silt	soft	.31	1.82
GRY	silt	gravel	dense	1.82	3.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed *(m³/ft³)*
0	.31	concrete/flushmount	
.31	.76	bentonite	
.76	3.1	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter *(cm/in)*	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness *(cm/in)*	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.366	0	.91

Construction Record - Screen

Outside Diameter *(cm/in)*	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	.91	3.1

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter *(cm/in)*
0	3.1	8.89

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map
MWS

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Drilling Group	7149

Business Address (Street Number/Name)	Municipality
165 Shields Crt	Markham

Province	Postal Code	Business E-mail Address
ON	L3R8V2	wwrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
905 940 7919	McCoy, James

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7110		2019 06 06

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	Y Y Y Y M M D D	2019 05 31

Ministry Use Only

Audit No. Z311140

JUL 23 2019 Received

0506E (2018/12)

Ministry's Copy

JUL 2 3 2019

C-7211-73111-40

Nick Sullivan

From: Public Information Services <publicinformationservices@tssa.org>
Sent: January 19, 2023 12:24 PM
To: Nick Sullivan
Subject: RE: Records Search Request (PE2001)

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

NO RECORD FOUND IN CURRENT DATABASE

Hello,

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

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

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

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

Accessing the Service Prepayment Portal:

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

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind Regards,

Nicola Carty | Public Information Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3221 | E-Mail: ncarty@tssa.org
www.tssa.org

Winner of 2022 5-Star Safety Cultures Award

From: Nick Sullivan <NSullivan@patersongroup.ca>
Sent: January 19, 2023 10:50 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search Request (PE2001)

Good day,

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

Carp Road: 3704, 3710, 3711, 3715, 3719, 3725, 3727;
Donald B. Munro Drive: 405, 421, 429.

Thank you,

PATERSON GROUP
SOLUTION ORIENTED ENGINEERING

Nick Sullivan, B.Sc.
Junior Environmental Technical Specialist

TEL: (613) 226-7381 ext. 208
DIRECT: (613) 913-3608

9 AURIGA DRIVE
OTTAWA, ON, K2E 7T9

nsullivan@patersongroup.ca

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

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning 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:** *3725 Carp Road*
(also includes 3711, 3715, 3719 Carp Road)
** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group Inc.*		
Mailing Address:	*9 Auriga Drive, Ottawa, ON, K2E 7T9*		
Telephone:	*613-226-7381*	Email Address:	*nsullivan@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*Mr. Cris Karson*		
Mailing Address:			
Telephone:		Email Address:	

Site Details

Legal Description and PIN:	*PIN #: 04543-0159*
What is the land currently used for?	*Site is currently vacant.*

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

OR Lot area: (irregular lot) 19,600 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.

$132.00

Planning Fee ~~$102.00~~

Submittal Requirements

The following are required to be submitted with this application:

1. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.

2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.

3. A site plan or key plan of the property, its location and particular features.

4. Any significant dates or time frames that you would like researched.

Disclaimer
For use with HLUI Database

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

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

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

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

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

4. Copyright is reserved to the City.

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

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

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

Signed: 

Dated (dd/mm/yyyy): 30/01/2023

Per: Nick Sullivan

(Please print name)

Title: Environmental Specialist

Company: Paterson Group Inc.

PATERSON GROUP

January 10, 2023
File: PE2001-HLUI

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

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

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

patersongroup.ca

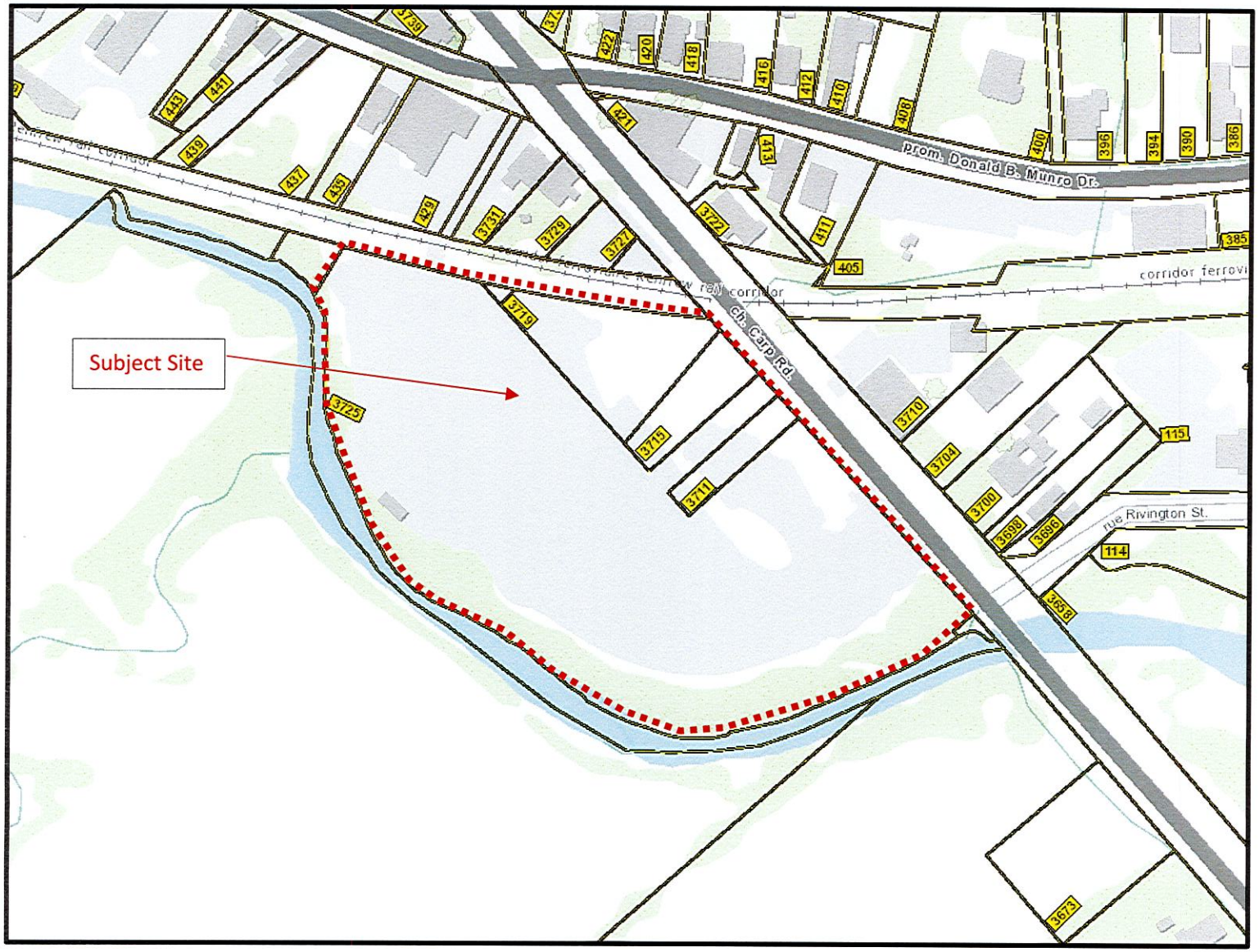
Subject: **Authorization Letter: HLUI Search**
Phase I – Environmental Site Assessment
3725 Carp Road
Ottawa, Ontario

Dear Sir/Madam,

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

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

Name of Company/Property Owner:	Karson Holdings Inc.
Name of Representative:	Novatech (James Ireland)
Signature:	James Ireland Digitally signed by James Ireland DN: C=CA, E=jireland@novatech-eng.com, O=Novatech, CN=James Ireland Date: 2023.01.30 14:00:56-05'00'
Date:	January 30, 2023


Subject Site
prom. Donald B. Munro Dr.
Ch. Carp Rd.
rue Rivington St.
corridor ferrovi
3725
3719
3715
3711
3710
3704
3700
3698
3696
3658
3673
405
115
114
385

DATABASE REPORT

Project Property:	*Phase I ESA* *3725 Carp Road* *Carp ON K0A 1L0*
Project No:	*PE2001*
Report Type:	*Standard Report*
Order No:	*23011000493*
Requested by:	*Paterson Group Inc.*
Date Completed:	*January 13, 2023*

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* *3725 Carp Road Carp ON K0A 1L0*
Project No:	*PE2001*

Coordinates:

Latitude:	*45.3438176*
Longitude:	*-76.0350756*
UTM Northing:	*5,021,666.39*
UTM Easting:	*418,909.63*
UTM Zone:	*18T*

Elevation:	*319 FT* *97.15 M*

Order Information:

Order No:	*23011000493*
Date Requested:	*January 10, 2023*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

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	8	8
CA	Certificates of Approval	Y	0	4	4
CDRY	Dry Cleaning Facilities	Y	0	1	1
CFOT	Commercial Fuel Oil Tanks	Y	0	1	1
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	6	7	13
EASR	Environmental Activity and Sector Registry	Y	0	0	0
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	2	8	10
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	5	5	10
FSTH	Fuel Storage Tank - Historic	Y	2	2	4
GEN	Ontario Regulation 347 Waste Generators Summary	Y	8	48	56
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	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	1	1
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	1	1	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	4	8	12
SPL	Ontario Spills	Y	0	7	7
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	36	36
	Total:		28	143	171

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		3725 Carp Road Ottawa ON K0A1L0	SSE/31.8	-1.36	38
21	EHS		3725 Carp Road Ottawa ON	S/83.4	-2.66	38
32	PRT	KARSON KARTAGE & KONSTRUCTION KARSON KARTAGE & KON	3725 CARP RD CARP ON	SSW/99.8	-3.91	38
32	SCT	KARSON KARTAGE & KONSTRUCTION	3725 CARP RD CARP ON K0A 1L0	SSW/99.8	-3.91	38
32	SCT	Karson Kartage & Konstruction Limited	3725 Carp Rd Carp ON	SSW/99.8	-3.91	39
32	SCT	Karson Group	3725 Carp Rd Carp ON	SSW/99.8	-3.91	39
32	GEN	KARSON KARTAGE & KONSTRUCTION (1994)LTD.	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	39
32	GEN	KARSON KARTAGE & KONSTRUCTION LTD.23-623	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	39
32	GEN	KARSON KARTAGE AND	3725 CARP ROAD CARP ON	SSW/99.8	-3.91	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
32	SCT	The Karson Group	3725 Carp Rd Carp ON K0A 1L0	SSW/99.8	-3.91	40
32	FSTH	KARSON KARTAGE & KONSTRUCTION(1994)LTD	3725 CARP RD CARP ON	SSW/99.8	-3.91	41
32	FSTH	KARSON KARTAGE & KONSTRUCTION(1994)LTD	3725 CARP RD CARP ON	SSW/99.8	-3.91	41
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW/99.8	-3.91	42
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW/99.8	-3.91	42
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW/99.8	-3.91	43
32	FST	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	44
32	FST	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	44
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	45
32	DTNK	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	46
32	GEN	KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	46
32	GEN	KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	47
32	GEN	KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	47
32	GEN	KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	48
32	FST	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	48
32	FST	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	48
32	FST	KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW/99.8	-3.91	49
32	GEN	KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW/99.8	-3.91	50

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	GEN	GERMAR TRANSPORTATION LTD.	421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	NNE/37.8	1.34	50
2	GEN	GERMAR TRANSPO(OUT OF BUSINESS) 17-466	421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	NNE/37.8	1.34	50
2	GEN	The Kidd Block	421 Donald B Munro Drive Carp ON K0A 1L0	NNE/37.8	1.34	51
3	DTNK	DENO KOTSOVOS	3729 CARP ROAD CARP K0A 1L0 ON CA ON	NW/44.0	0.37	51
3	CFOT	DENO KOTSOVOS	3729 CARP ROAD CARP K0A 1L0 ON CA ON	NW/44.0	0.37	52
4	WWIS		lot 18 con 2 ON ***Well ID:*** 1503081	S/44.4	-1.19	52
5	EHS		421 Donald B. Munro Drive Ottawa ON K0A 1L0	N/47.3	2.81	54
6	CA	CHINESE VALLEY TAKE-OUT INC.	415 DONALD B. MUNRO DR., CARP WEST CARLETON TWP. ON	NE/49.3	2.73	55
7	WWIS		lot 18 con 3 ON ***Well ID:*** 1518961	SSE/49.6	-1.36	55
8	WWIS		3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342134	WSW/56.2	-2.58	58
9	WWIS		lot 18 con 2 ON ***Well ID:*** 1503082	E/61.0	1.12	62
10	BORE		ON	W/61.1	0.16	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	WWIS		lot 18 con 3 ON ***Well ID:*** 1503142	W/61.2	0.16	66
12	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/62.7	-0.27	69
13	GEN	J. SPINDLER CUSTOM FURNITURE LTD.	416 & 421 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	NNE/62.7	2.73	69
14	INC		3711 CARP ROAD, OTTAWA ON	SSE/70.8	-2.49	69
15	GEN	KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE/70.8	-2.49	70
15	GEN	KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE/70.8	-2.49	70
16	CA	R.M. OF OTTAWA-CARLETON	CARP RD./DONALD B. MUNRO DR. WEST CARLETON TWP. ON	NW/75.6	0.64	71
17	WWIS		3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342133	SSW/75.9	-2.55	71
18	WWIS		lot 18 con 2 ON ***Well ID:*** 1515638	NNW/78.0	2.81	74
19	GEN	SPINDLER FURNITURE	416 DONALD B. MONROE DRIVE CARP ON K0A 1L0	NNE/79.0	3.04	77
20	WWIS		lot 18 con 2 ON ***Well ID:*** 1503084	NNW/81.0	2.81	78
22	WWIS		3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342135	WSW/83.9	-3.22	80
23	WWIS		lot 18 con 2 ON	ESE/84.5	-0.27	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503080			
24	WWIS		422 DONALD MUNRO DRIVE CARP ON ***Well ID:*** 7109713	N/89.6	2.79	87
25	WWIS		lot 18 con 3 ON ***Well ID:*** 1512051	NNW/90.1	2.81	90
26	GEN	West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	93
26	GEN	West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE/91.7	-0.27	94
26	GEN	West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE/91.7	-0.27	94
26	GEN	West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE/91.7	-0.27	94
26	GEN	West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	95
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON	ESE/91.7	-0.27	95
26	PINC	RPM PROJECT MANAGERS	3710 CARP RD,,OTTAWA,ON,,CA ON	ESE/91.7	-0.27	96
26	SPL	Enbridge Gas Distribution Inc.	3710 Carp Rd, Carp Ottawa ON	ESE/91.7	-0.27	96
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	97
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	97
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	97

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	98
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	98
26	GEN	West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE/91.7	-0.27	98
27	EHS		410 Donald B. Munro Ottawa ON	NE/93.3	2.73	99
28	WWIS		lot 18 con 2 ON ***Well ID:*** 1503075	N/95.6	2.79	99
29	EHS		433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0	WNW/98.1	0.81	102
29	EHS		433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0	WNW/98.1	0.81	102
30	WWIS		lot 18 con 3 ON ***Well ID:*** 1503149	W/99.3	-2.91	102
31	SPL	PRIVATELY OWNED	CARP VILLAGE 404 DONALD MUNROE DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA-CARLETON R.M. ON	ENE/99.7	2.73	105
33	WWIS		lot 18 con 2 ON ***Well ID:*** 1500042	E/104.1	1.34	106
34	WWIS		3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342131	W/104.8	-2.91	108
35	WWIS		lot 18 con 2 ON ***Well ID:*** 1515887	ENE/107.0	1.34	111
36	WWIS		lot 18 con 3 ON	SSE/108.9	-2.91	115

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503378			
37	SCT	Mobile Ad Canada Ltd.	435 Donald B Munro Rd Carp ON	WNW/109.5	-0.27	117
38	WWIS		lot 18 con 2 ON ***Well ID:*** 1503088	NW/112.4	1.85	117
39	WWIS		lot 18 con 2 ON ***Well ID:*** 1503094	NE/113.3	2.94	120
40	BORE		ON	NE/113.4	2.94	123
41	WWIS		3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342132	SW/121.6	-5.10	124
42	WWIS		lot 18 con 2 ON ***Well ID:*** 1503320	E/121.9	0.95	128
43	WWIS		lot 18 con 2 ON ***Well ID:*** 1503086	ESE/124.0	-1.58	131
44	WWIS		lot 18 con 2 ON ***Well ID:*** 1503091	ESE/128.2	-1.94	133
45	WWIS		lot 18 con 2 ON ***Well ID:*** 1503078	NW/129.9	2.50	136
46	WWIS		lot 18 con 2 ON ***Well ID:*** 1517625	ENE/131.7	1.37	139
47	BORE		ON	ENE/135.7	0.95	144
48	MNR	Munro	ON	WSW/139.4	-6.30	145
49	GEN	Thurber Engineering Ltd.	439 Donald B. Munro Drive Carp ON K0A 1L0	WNW/152.1	-0.27	145

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
50	CA	R.M. OF OTTAWA-CARLETON	CARP RD./RIVINGTON ST. WEST CARLETON TWP. ON	SE/157.8	-5.27	146
50	SPL	City of Ottawa	Carp Road and Rivington Street Ottawa ON	SE/157.8	-5.27	146
50	SPL	Clean Water Works Inc.	Carp Rd at Rivington St, Carp Ottawa ON	SE/157.8	-5.27	146
51	WWIS		lot 18 con 2 ON ***Well ID:*** 1503087	SE/159.3	-3.94	147
52	SPL	TRANSPORT TRUCK	405 DONALD B MUNROE BLVD, CARP (AT CARP FEEDSTORE) MOTOR VEHICLE (OPERATING FLUID) WEST CARLETON TOWNSHIP ON	E/163.6	-1.75	150
53	BORE		ON	SE/163.6	-5.27	150
54	BORE		ON	ESE/166.0	-3.91	151
55	PES	CARP FLOUR MILLS DIV OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A 1L0	E/169.7	-1.75	152
55	SCT	Carp Flour Mills	405 Donald Munro Dr Carp ON K0A 1L0	E/169.7	-1.75	153
55	SCT	Carp Flour Mills - Div. of Ottawa Valley Grain Products Inc.	405 Donald Munro Dr Carp ON	E/169.7	-1.75	153
55	PES	CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E/169.7	-1.75	153
55	SCT	Carp Flour Mills - Div. of	405 Donald Munro Dr Carp ON K0A 1L0	E/169.7	-1.75	153

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
55	PES	CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E/169.7	-1.75	154
56	WWIS		lot 18 con 5 ON ***Well ID:*** 1525403	SSE/173.6	-5.64	154
57	WWIS		lot 18 con 2 ON ***Well ID:*** 1518827	NW/174.1	2.73	158
57	WWIS		lot 18 con 2 ON ***Well ID:*** 1518879	NW/174.1	2.73	161
58	WWIS		lot 18 con 2 ON ***Well ID:*** 1514331	ESE/186.5	-3.86	165
59	WWIS		lot 18 con 3 ON ***Well ID:*** 1503145	NW/194.3	3.73	168
60	BORE		ON	SE/195.3	-5.27	171
61	CDRY	Star Fashion Cleaners	449 Donald B. Munro Carp ON K0A1L0	WNW/199.1	-1.36	172
61	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.1	-1.36	172
62	GEN	CARP QUALITY CLEANERS	449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	WNW/199.7	-1.36	173
62	GEN	CARP QUALITY CLEANERS 08-590	449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	WNW/199.7	-1.36	173
62	GEN	STAR FASHION CLEANERS	449 DONBALD B MUNRO CARP ON	WNW/199.7	-1.36	173
62	GEN	STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON K0A 1L0	WNW/199.7	-1.36	174

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
62	GEN	STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW/199.7	-1.36	174
62	GEN	STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW/199.7	-1.36	174
62	GEN	STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW/199.7	-1.36	175
62	GEN	STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON K0A 1L0	WNW/199.7	-1.36	175
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	176
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	176
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	176
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	177
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	177
62	GEN	488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW/199.7	-1.36	177
63	BORE		ON	W/202.2	-3.90	178
64	WWIS		lot 18 con 3 ON ***Well ID:*** 1503147	W/202.3	-3.90	179
65	BORE		ON	SE/204.3	-6.36	182

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
66	WWIS		461 DONALD 13 MONROE lot 18 con 3 CARP ON ***Well ID:*** 7302341	WNW/213.7	1.22	183
67	WWIS		461 DONALD B MONROE CARP ON ***Well ID:*** 7302349	WNW/218.6	1.22	187
68	GEN	TUBMAN FUNERAL HOMES	CARP CHAPEL 16 RIVINGTON STREET CARP ON K0A 1L0	ESE/222.1	-4.29	190
68	GEN	TUBMAN FUNERAL HOMES 44-501	CARP CHAPEL 16 RIVINGTON STREET CARP ON K0A 1L0	ESE/222.1	-4.29	190
69	WWIS		lot 18 con 2 ON ***Well ID:*** 1503089	E/222.2	-2.65	190
70	PES	UNITED CO-OPERATIVES OF ONTARIO	28 RIVINGTON STREET CARP ON K2L 1Y3	ESE/232.1	-4.12	194
71	EHS		154 Colonnade Rd S Nepean ON K0A 1L0	ENE/232.2	3.73	194
71	EHS		154 Colonnade Rd S Nepean ON K0A 1L0	ENE/232.2	3.73	194
72	EHS		461 Donald B Munro Dr. Ottawa ON	WNW/247.5	2.40	194
73	GEN	West Carleton Drug Mart	461 Donald B. Munro Dr. Ottawa ON K0A 1L0	WNW/249.4	0.48	195
73	GEN	6843409 canada inc	461 Donald B Munro dr carp ON KOA1LO	WNW/249.4	0.48	195
73	SPL	The Beer Store	461 Donald B. Munro Dr. Ottawa ON K0A 1L0	WNW/249.4	0.48	195
74	CA	MARWAN KASSIS, MILANO PIZZA	461 DONALD B. MUNRO DR., CARP WEST CARLETON TWP. ON	WNW/249.5	0.48	196

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
75	SPL	Unknown<UNOFFICIAL>	3673 Carp Rd. Ottawa ON K0A 1L0	SE/249.5	-6.27	196

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 8 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	W	61.14	10
	ON	NE	113.44	40
	ON	ENE	135.70	47

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	SE	163.61	53
	ON	ESE	166.03	54
	ON	SE	195.34	60
	ON	W	202.24	63
	ON	SE	204.35	65

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.25 kilometers of

the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CHINESE VALLEY TAKE-OUT INC.	415 DONALD B. MUNRO DR., CARP WEST CARLETON TWP. ON	NE	49.28	6
R.M. OF OTTAWA-CARLETON	CARP RD./DONALD B. MUNRO DR. WEST CARLETON TWP. ON	NW	75.57	16
MARWAN KASSIS, MILANO PIZZA	461 DONALD B. MUNRO DR., CARP WEST CARLETON TWP. ON	WNW	249.50	74

Lower Elevation	Address	Direction	Distance (m)	Map Key
R.M. OF OTTAWA-CARLETON	CARP RD./RIVINGTON ST. WEST CARLETON TWP. ON	SE	157.80	50

CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2020 has found that there are 1 CDRY site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Star Fashion Cleaners	449 Donald B. Munro Carp ON K0A1L0	WNW	199.13	61

CFOT - Commercial Fuel Oil Tanks

A search of the CFOT database, dated Feb 28, 2022 has found that there are 1 CFOT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
DENO KOTSOVOS	3729 CARP ROAD CARP K0A 1L0 ON CA ON	NW	44.04	3

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 7 DTNK site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
DENO KOTSOVOS	3729 CARP ROAD CARP K0A 1L0 ON CA ON	NW	44.04	3

Lower Elevation	Address	Direction	Distance (m)	Map Key
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	32

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	421 Donald B. Munro Drive Ottawa ON K0A 1L0	N	47.34	5
	410 Donald B. Munro Ottawa ON	NE	93.35	27
	433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0	WNW	98.12	29

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0	WNW	98.12	29
	154 Colonnade Rd S Nepean ON K0A 1L0	ENE	232.17	71
	154 Colonnade Rd S Nepean ON K0A 1L0	ENE	232.17	71
	461 Donald B Munro Dr. Ottawa ON	WNW	247.49	72

Lower Elevation	Address	Direction	Distance (m)	Map Key
	3725 Carp Road Ottawa ON K0A1L0	SSE	31.84	1
	3725 Carp Road Ottawa ON	S	83.42	21

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 5 FST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32

KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	32

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.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KARSON KARTAGE & KONSTRUCTION(1994)LTD	3725 CARP RD CARP ON	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION(1994)LTD	3725 CARP RD CARP ON	SSW	99.79	32

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 48 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GERMAR TRANSPORTATION LTD.	421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	NNE	37.84	2
The Kidd Block	421 Donald B Munro Drive Carp ON K0A 1L0	NNE	37.84	2
GERMAR TRANSPO(OUT OF BUSINESS) 17-466	421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	NNE	37.84	2
J. SPINDLER CUSTOM FURNITURE LTD.	416 & 421 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	NNE	62.72	13
SPINDLER FURNITURE	416 DONALD B. MONROE DRIVE CARP ON K0A 1L0	NNE	79.00	19

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
6843409 canada inc	461 Donald B Munro dr carp ON KOA1LO	WNW	249.40	73
West Carleton Drug Mart	461 Donald B. Munro Dr. Ottawa ON K0A 1L0	WNW	249.40	73

Lower Elevation	Address	Direction	Distance (m)	Map Key
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	62.69	12
KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE	70.83	15
KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE	70.83	15
West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	26
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	26
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	26
West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON	ESE	91.75	26

West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	91.75	26
KARSON KARTAGE & KONSTRUCTION (1994)LTD.	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
KARSON KARTAGE & KONSTRUCTION LTD.23-623	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
KARSON KARTAGE AND	3725 CARP ROAD CARP ON	SSW	99.79	32
KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32

KARSON HOLDINGS INC	3725 CARP ROAD CARP ON K0A 1L0	SSW	99.79	32
Thurber Engineering Ltd.	439 Donald B. Munro Drive Carp ON K0A 1L0	WNW	152.14	49
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.13	61
CARP QUALITY CLEANERS	449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	WNW	199.70	62
CARP QUALITY CLEANERS 08-590	449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	WNW	199.70	62
STAR FASHION CLEANERS	449 DONBALD B MUNRO CARP ON	WNW	199.70	62
STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON K0A 1L0	WNW	199.70	62
STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW	199.70	62
STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW	199.70	62
STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON	WNW	199.70	62
STAR FASHION CLEANERS	449 DONALD B MUNRO DRIVE CARP ON K0A 1L0	WNW	199.70	62
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62

488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62
488402 Ontario LTD.	449 Donald B Munro ottawa ON K0A1L0	WNW	199.70	62
TUBMAN FUNERAL HOMES	CARP CHAPEL 16 RIVINGTON STREET CARP ON K0A 1L0	ESE	222.13	68
TUBMAN FUNERAL HOMES 44-501	CARP CHAPEL 16 RIVINGTON STREET CARP ON K0A 1L0	ESE	222.13	68

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	3711 CARP ROAD, OTTAWA ON	SSE	70.80	14

MNR - Mineral Occurrences

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
Munro	ON	WSW	139.41	48

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Nov 30, 2022 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E	169.73	55
CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E	169.73	55
CARP FLOUR MILLS DIV OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A 1L0	E	169.73	55
UNITED CO-OPERATIVES OF ONTARIO	28 RIVINGTON STREET CARP ON K2L 1Y3	ESE	232.08	70

PINC - Pipeline Incidents

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
RPM PROJECT MANAGERS	3710 CARP RD,,OTTAWA,ON,,CA ON	ESE	91.75	26

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
KARSON KARTAGE & KONSTRUCTION KARSON KARTAGE & KON	3725 CARP RD CARP ON	SSW	99.79	32

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 8 SCT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key

KARSON KARTAGE & KONSTRUCTION	3725 CARP RD CARP ON K0A 1L0	SSW	99.79	32
Karson Kartage & Konstruction Limited	3725 Carp Rd Carp ON	SSW	99.79	32
Karson Group	3725 Carp Rd Carp ON	SSW	99.79	32
The Karson Group	3725 Carp Rd Carp ON K0A 1L0	SSW	99.79	32
Mobile Ad Canada Ltd.	435 Donald B Munro Rd Carp ON	WNW	109.53	37
Carp Flour Mills	405 Donald Munro Dr Carp ON K0A 1L0	E	169.73	55
Carp Flour Mills - Div. of Ottawa Valley Grain Products Inc.	405 Donald Munro Dr Carp ON	E	169.73	55
Carp Flour Mills - Div. of	405 Donald Munro Dr Carp ON K0A 1L0	E	169.73	55

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PRIVATELY OWNED	CARP VILLAGE 404 DONALD MUNROE DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA-CARLETON R.M. ON	ENE	99.69	31
The Beer Store	461 Donald B. Munro Dr. Ottawa ON K0A 1L0	WNW	249.40	73

Lower Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	3710 Carp Rd, Carp Ottawa ON	ESE	91.75	26
City of Ottawa	Carp Road and Rivington Street Ottawa ON	SE	157.80	50
Clean Water Works Inc.	Carp Rd at Rivington St, Carp Ottawa ON	SE	157.80	50
TRANSPORT TRUCK	405 DONALD B MUNROE BLVD, CARP (AT CARP FEEDSTORE) MOTOR VEHICLE (OPERATING FLUID) WEST CARLETON TOWNSHIP ON	E	163.60	52
Unknown<UNOFFICIAL>	3673 Carp Rd. Ottawa ON K0A 1L0	SE	249.55	75

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 36 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 18 con 2 ON ***Well ID:*** 1503082	E	61.03	9
	lot 18 con 3 ON ***Well ID:*** 1503142	W	61.15	11
	lot 18 con 2 ON ***Well ID:*** 1515638	NNW	77.99	18
	lot 18 con 2 ON ***Well ID:*** 1503084	NNW	81.02	20
	422 DONALD MUNRO DRIVE CARP ON ***Well ID:*** 7109713	N	89.61	24

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 18 con 3 ON ***Well ID:*** 1512051	NNW	90.06	25
	lot 18 con 2 ON ***Well ID:*** 1503075	N	95.61	28
	lot 18 con 2 ON ***Well ID:*** 1500042	E	104.07	33
	lot 18 con 2 ON ***Well ID:*** 1515887	ENE	106.97	35
	lot 18 con 2 ON ***Well ID:*** 1503088	NW	112.41	38
	lot 18 con 2 ON ***Well ID:*** 1503094	NE	113.34	39
	lot 18 con 2 ON ***Well ID:*** 1503320	E	121.88	42
	lot 18 con 2 ON ***Well ID:*** 1503078	NW	129.85	45
	lot 18 con 2 ON ***Well ID:*** 1517625	ENE	131.73	46
	lot 18 con 2 ON ***Well ID:*** 1518827	NW	174.14	57
	lot 18 con 2 ON ***Well ID:*** 1518879	NW	174.14	57
	lot 18 con 3 ON	NW	194.28	59

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1503145			
	461 DONALD 13 MONROE lot 18 con 3 CARP ON ***Well ID:*** 7302341	WNW	213.66	66
	461 DONALD B MONROE CARP ON ***Well ID:*** 7302349	WNW	218.64	67

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 18 con 2 ON ***Well ID:*** 1503081	S	44.40	4
	lot 18 con 3 ON ***Well ID:*** 1518961	SSE	49.55	7
	3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342134	WSW	56.18	8
	3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342133	SSW	75.85	17
	3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342135	WSW	83.93	22
	lot 18 con 2 ON ***Well ID:*** 1503080	ESE	84.47	23
	lot 18 con 3 ON ***Well ID:*** 1503149	W	99.29	30
	3725 CARP ROAD lot 18 con 3 CARP ON ***Well ID:*** 7342131	W	104.83	34
	lot 18 con 3 ON	SSE	108.86	36

Well ID: 1503378

3725 CARP ROAD lot 18 con 3 CARP ON	SW	121.61	**41**

Well ID: 7342132

lot 18 con 2 ON	ESE	124.02	**43**

Well ID: 1503086

lot 18 con 2 ON	ESE	128.22	**44**

Well ID: 1503091

lot 18 con 2 ON	SE	159.31	**51**

Well ID: 1503087

lot 18 con 5 ON	SSE	173.57	**56**

Well ID: 1525403

lot 18 con 2 ON	ESE	186.46	**58**

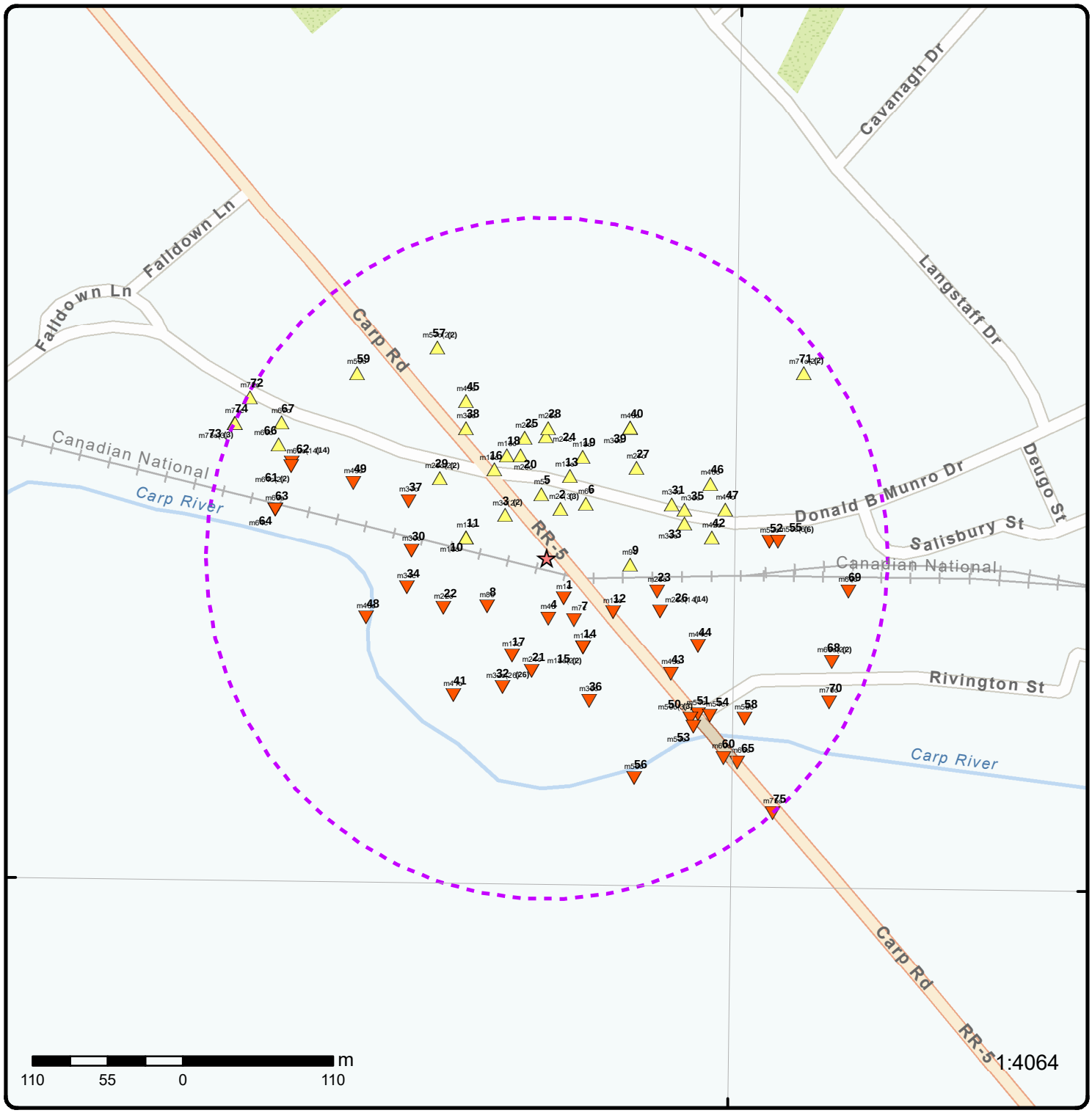
Well ID: 1514331

lot 18 con 3 ON	W	202.29	**64**

Well ID: 1503147

lot 18 con 2 ON	E	222.22	**69**

Well ID: 1503089



Map: 0.25 Kilometer Radius

Order Number: 23011000493

Address: 3725 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)

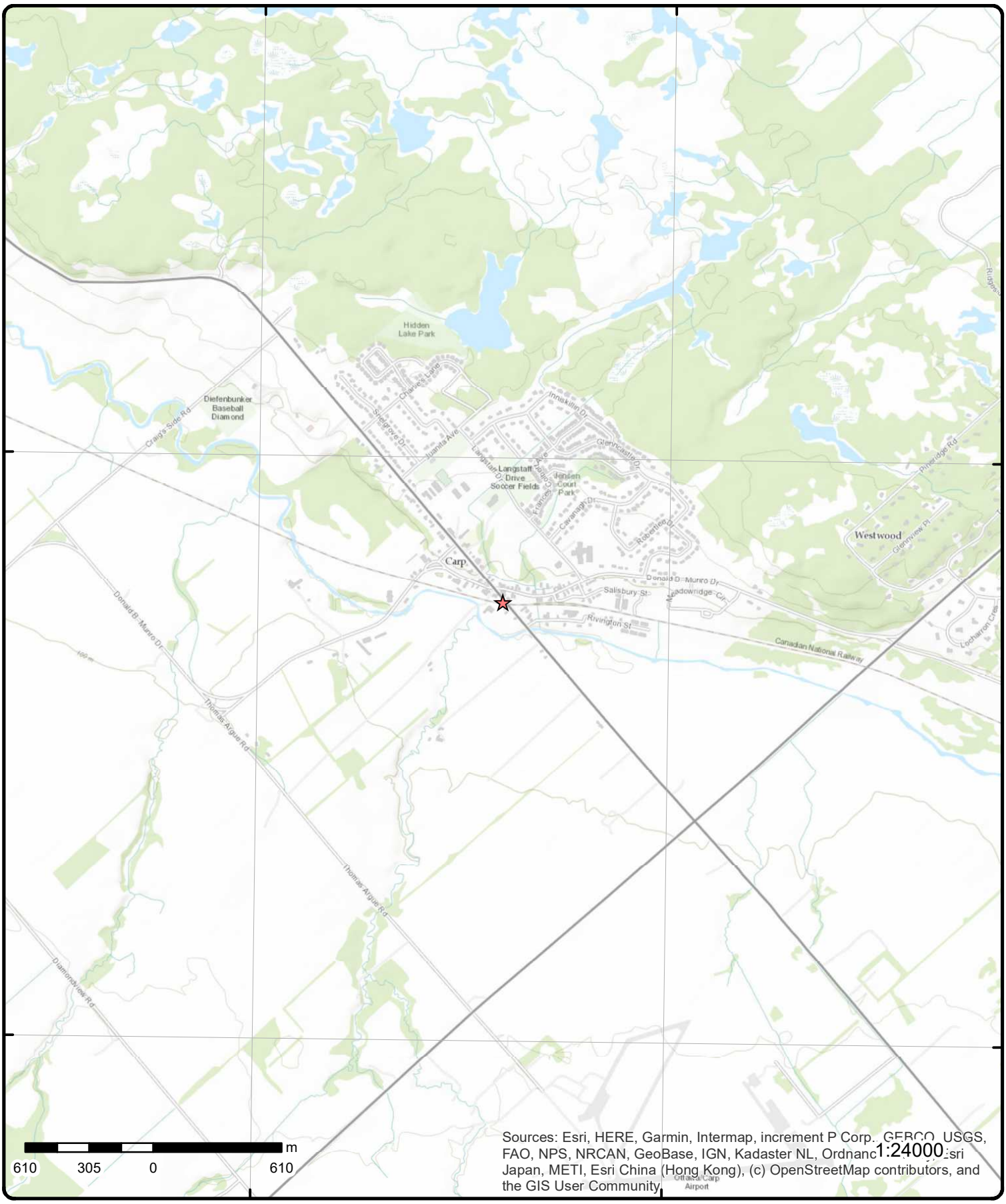
Aerial

Year: 2021

Order Number: 23011000493

Address: 3725 Carp Road, Carp, ON

Source: ESRI World Imagery



Topographic Map

Address: 3725 Carp Road, ON

Source: ESRI World Topographic Map

Order Number: 23011000493

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/31.8	95.8 / -1.36	3725 Carp Road Ottawa ON K0A1L0	EHS

Order No:	20150929051	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-OCT-15	**Search Radius (km):**	.25
Date Received:	29-SEP-15	**X:**	-76.034913
Previous Site Name:	The Karson Group	**Y:**	45.343555
Lot/Building Size:	2.3 hectares		
Additional Info Ordered:	City Directory		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	S/83.4	94.5 / -2.66	3725 Carp Road Ottawa ON	EHS

Order No:	20100510024	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	5/19/2010	**Search Radius (km):**	0.25
Date Received:	5/10/2010	**X:**	-76.035201
Previous Site Name:		**Y:**	45.343072
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION KARSON KARTAGE & KON 3725 CARP RD CARP ON	PRT

Location ID:	2806
Type:	private
Expiry Date:	
Capacity (L):	36368.00
Licence #:	0001025422

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	2 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION 3725 CARP RD CARP ON K0A 1L0	SCT

Established:	1973
Plant Size (ft²):	0
Employment:	50

--Details--

Description:	CONCRETE PRODUCTS, EXCEPT BRICK AND BLOCK
SIC/NAICS Code:	3272
Description:	READY-MIXED CONCRETE
SIC/NAICS Code:	3273

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

Description: MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED
SIC/NAICS Code: 3295

Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

---

32 | 3 of 26 | SSW/99.8 | 93.2 / -3.91 | **Karson Kartage & Konstruction Limited**
3725 Carp Rd
Carp ON | SCT

Established: 1973
Plant Size (ft²):
Employment: 50

---

32 | 4 of 26 | SSW/99.8 | 93.2 / -3.91 | **Karson Group**
3725 Carp Rd
Carp ON | SCT

Established: 1973
Plant Size (ft²):
Employment: 50

--Details--
Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

---

32 | 5 of 26 | SSW/99.8 | 93.2 / -3.91 | **KARSON KARTAGE & KONSTRUCTION (1994) LTD.**
3725 CARP ROAD
CARP ON K0A 1L0 | GEN

Generator No: ON1659700
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.
Approval Years: 92,93,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

---

32 | 6 of 26 | SSW/99.8 | 93.2 / -3.91 | **KARSON KARTAGE & KONSTRUCTION LTD.23-623**
3725 CARP ROAD
CARP ON K0A 1L0 | GEN

Generator No: ON1659700

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

SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.
Approval Years: 94
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

32	***7 of 26***	***SSW/99.8***	***93.2 / -3.91***	***KARSON KARTAGE AND*** ***3725 CARP ROAD*** ***CARP ON***	***GEN***

Generator No: ON1659700
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.
Approval Years: 99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

32	***8 of 26***	***SSW/99.8***	***93.2 / -3.91***	***The Karson Group*** ***3725 Carp Rd*** ***Carp ON K0A 1L0***	***SCT***

Established: 01-AUG-73
Plant Size (ft²):
Employment:

--Details--
Description: Other Commercial and Industrial Machinery and Equipment Rental and Leasing
SIC/NAICS Code: 532490

Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

Description: Highway, Street and Bridge Construction
SIC/NAICS Code: 237310

Description: Asphalt Paving Mixture and Block Manufacturing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		324121			

32	9 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION(1994) LTD 3725 CARP RD CARP ON	FSTH

License Issue Date: 11/8/1990
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Removed
Year of Installation: 1978
Corrosion Protection:
Capacity: 18184
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Removed
Year of Installation: 1982
Corrosion Protection:
Capacity: 9092
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Removed
Year of Installation: 1978
Corrosion Protection:
Capacity: 9092
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1994
Corrosion Protection:
Capacity: 10000
Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

Status: Active
Year of Installation: 1994
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

32	10 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION(1994) LTD 3725 CARP RD CARP ON	FSTH

License Issue Date: 11/8/1990
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: 1994
Corrosion Protection:
Capacity: 10000

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

Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

Status: Active
Year of Installation: 1994
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

32	***11 of 26***	***SSW/99.8***	***93.2 / -3.91***	***KARSON KARTAGE & KONSTRUCTION (1994) LTD*** ***3725 CARP RD*** ***CARP ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10655462
Status: EXPIRED
Instance ID: 30749
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

32	***12 of 26***	***SSW/99.8***	***93.2 / -3.91***	***KARSON KARTAGE & KONSTRUCTION (1994) LTD*** ***3725 CARP RD*** ***CARP ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10655533
Status: EXPIRED
Instance ID: 31923
Instance Type: FS Piping
Instance Creation Dt:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:

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

Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

32	***13 of 26***	***SSW/99.8***	***93.2 / -3.91***	***KARSON KARTAGE & KONSTRUCTION (1994) LTD*** ***3725 CARP RD*** ***CARP ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10655491
Status: EXPIRED
Instance ID: 32475
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	14 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP K0A 1L0 ON CA ON	FST

Instance No: 11621166
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Single Wall Horizontal AST
Install Date: 12/6/2000
Install Year: 1994
Years in Service:
Model: NULL
Description:
Capacity: 25000
Tank Material: Steel
Corrosion Protect: Coating
Overfill Protect:

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

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 3725 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	15 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP K0A 1L0 ON CA ON	FST

Instance No: 11621149
Status:
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Single Wall Horizontal AST
Install Date: 12/6/2000
Install Year: 1994
Years in Service:
Model: NULL
Description:
Capacity: 10000
Tank Material: Steel
Corrosion Protect: Coating
Overfill Protect:

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

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 3725 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item:		FS LIQUID FUEL TANK			

32	16 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP K0A 1L0 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10655436	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	3725 CARP RD CARP K0A 1L0 ON CA
Instance Type:		**Facility Type:**	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	**Fuel Type 2:**	NULL
Instance Install Dt:	11/6/2000	**Fuel Type 3:**	NULL
Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:20:09 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	REMOVED AS PER REPORT E040460		
Original Source:	EXP		
Record Date:	31-JUL-2020		

32	17 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP K0A 1L0 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10655509	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	3725 CARP RD CARP K0A 1L0 ON CA
Instance Type:		**Facility Type:**	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	**Fuel Type 2:**	NULL
Instance Install Dt:	11/6/2000	**Fuel Type 3:**	NULL
Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	

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

Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:20:17 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank

TSSA Base Sched Cycle 2:	NULL
TSSAMax Hazard Rank 1:	NULL
TSSA Risk Based Periodic Yn:	NULL
TSSA Volume of Directives:	NULL
TSSA Periodic Exempt:	NULL
TSSA Statutory Interval:	NULL
TSSA Recd Insp Interva:	NULL
TSSA Recd Tolerance:	NULL
TSSA Program Area:	NULL
TSSA Program Area 2:	NULL
Description:	REMOVED AS PER REPORT E040460
Original Source:	EXP
Record Date:	31-JUL-2020

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32 | ***18 of 26*** | ***SSW/99.8*** | ***93.2 / -3.91*** | ***KARSON KARTAGE & KONSTRUCTION (1994) LTD***
3725 CARP RD CARP K0A 1L0 ON CA
ON | ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	10655482	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	3725 CARP RD CARP K0A 1L0 ON CA
Instance Type:		**Facility Type:**	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	**Fuel Type 2:**	NULL
Instance Install Dt:	11/6/2000	**Fuel Type 3:**	NULL
Item Description:	FS Liquid Fuel Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:	NULL	**Piping Underground:**	
Creation Date:	7/5/2009 1:20:18 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Liquid Fuel Tank

TSSA Base Sched Cycle 2:	NULL
TSSAMax Hazard Rank 1:	NULL
TSSA Risk Based Periodic Yn:	NULL
TSSA Volume of Directives:	NULL
TSSA Periodic Exempt:	NULL
TSSA Statutory Interval:	NULL
TSSA Recd Insp Interva:	NULL
TSSA Recd Tolerance:	NULL
TSSA Program Area:	NULL
TSSA Program Area 2:	NULL
Description:	REMOVED AS PER REPORT E040460
Original Source:	EXP
Record Date:	31-JUL-2020

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32 | ***19 of 26*** | ***SSW/99.8*** | ***93.2 / -3.91*** | ***KARSON HOLDINGS INC***
3725 CARP ROAD
CARP ON K0A 1L0 | ***GEN***

Generator No:	ON7837161
SIC Code:	811199

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

SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Kelli Bell
Choice of Contact: CO_ADMIN
Phone No Admin: 613-839-2816 Ext.1242
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

32	20 of 26	SSW/99.8	93.2 / -3.91	KARSON HOLDINGS INC 3725 CARP ROAD CARP ON K0A 1L0	GEN

Generator No: ON7837161
SIC Code: 811199
SIC Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Kelli Bell
Choice of Contact: CO_ADMIN
Phone No Admin: 613-839-2816 Ext.1242
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

32	21 of 26	SSW/99.8	93.2 / -3.91	KARSON HOLDINGS INC 3725 CARP ROAD CARP ON K0A 1L0	GEN

Generator No: ON7837161
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Class: 221 L

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

Waste Class Name: Light fuels

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32 | **22 of 26** | **SSW/99.8** | **93.2 / -3.91** | **KARSON HOLDINGS INC**
3725 CARP ROAD
CARP ON K0A 1L0 | **GEN**

Generator No: ON7837161
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Class: 221 L
Waste Class Name: Light fuels

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32 | **23 of 26** | **SSW/99.8** | **93.2 / -3.91** | **KARSON KARTAGE & KONSTRUCTION (1994) LTD**
3725 CARP RD CARP K0A 1L0 ON CA
ON | **FST**

Instance No:	10655509	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	11/6/2000	**Fuel Type3:**	NULL
Install Year:	1978	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	9092	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Impressed Current	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 3725 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD
Item: FS LIQUID FUEL TANK

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32 | **24 of 26** | **SSW/99.8** | **93.2 / -3.91** | **KARSON KARTAGE & KONSTRUCTION (1994) LTD** | **FST**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				3725 CARP RD CARP K0A 1L0 ON CA ON	

Instance No:	10655436	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	11/6/2000	**Fuel Type3:**	NULL
Install Year:	1978	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	18184	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Impressed Current	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 3725 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	25 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP K0A 1L0 ON CA ON	FST

Instance No:	10655482	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:		**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Liquid Fuel Single Wall UST	**Fuel Type2:**	NULL
Install Date:	11/6/2000	**Fuel Type3:**	NULL
Install Year:	1982	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	9092	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Impressed Current	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 3725 CARP RD CARP K0A 1L0 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	26 of 26	SSW/99.8	93.2 / -3.91	KARSON HOLDINGS INC 3725 CARP ROAD CARP ON K0A 1L0	GEN

Generator No: ON7837161
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Name: Light fuels

Waste Class: 221 I
Waste Class Name: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 3	NNE/37.8	98.5 / 1.34	GERMAR TRANSPORTATION LTD. 421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	GEN

Generator No: ON1407500
SIC Code: 0000
SIC Description: *** NOT DEFINED ***
Approval Years: 90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 3	NNE/37.8	98.5 / 1.34	GERMAR TRANSPO(OUT OF BUSINESS) 17-466 421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	GEN

Generator No: ON1407500
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	3 of 3	NNE/37.8	98.5 / 1.34	The Kidd Block 421 Donald B Munro Drive Carp ON K0A 1L0	GEN

Generator No: ON4787008
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 145 I
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

3	1 of 2	NW/44.0	97.5 / 0.37	DENO KOTSOVOS 3729 CARP ROAD CARP K0A 1L0 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 61047947
Status: EXPIRED
Instance ID:
Instance Type:
Instance Creation Dt: 1/27/2009
Instance Install Dt: 1/27/2009
Item Description: Fuel Oil Tank
Manufacturer: NULL
Model: NULL
Serial No: NULL
ULC Standard: NULL
Quantity: 1
Unit of Measure: EA
Overfill Prot Type:
Creation Date: 7/5/2009 3:14:49 AM
Next Periodic Str DT: NULL
TSSA Base Sched Cycle 2: NULL
TSSAMax Hazard Rank 1: NULL
TSSA Risk Based Periodic Yn: NULL
TSSA Volume of Directives: NULL
TSSA Periodic Exempt: NULL
TSSA Statutory Interval: NULL
TSSA Recd Insp Interva: NULL
TSSA Recd Tolerance: NULL
TSSA Program Area: NULL
TSSA Program Area 2: NULL
Description: NULL
Original Source: EXP
Record Date: 31-MAY-2021

Expired Date:
Max Hazard Rank: NULL
Facility Location: 3729 CARP ROAD CARP K0A 1L0 ON CA
Facility Type: FS FUEL OIL TANK
Fuel Type 2:
Fuel Type 3:
Panam Related: NULL
Panam Venue Nm: NULL
External Identifier: NULL
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source: FS Fuel Oil Tank

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

3	2 of 2	NW/44.0	97.5 / 0.37	DENO KOTSOVOS 3729 CARP ROAD CARP K0A 1L0 ON CA ON	CFOT

Licence No:
Registration No:
Posse File No:
Posse Reg No:
Status Name:
Tank Type: Liquid Fuel Single Wall UST
Tank Size: 1800
Tank Material: Steel
Instance No: 61047947
Inst Creation Date: 1/27/2009
Inst Install Date: 1/27/2009
Item: FS FUEL OIL TANK
Tank Age (as of 05/1992):
Item Description: Fuel Oil Tank
Instance Type:
Facility Type:
Fuel Type:
Distributor:
Letter Sent:
Comments:
Corrosion Protect:
Province:
Nbr:
Context: FS Fuel Oil Tank
Device Installed Location: 3729 CARP ROAD CARP K0A 1L0 ON CA
Description: NULL
Contact Name:
Contact Address:
Contact Address2:
Contact Suite:
Contact City:
Contact Prov:
Contact Postal:

4	1 of 1	S/44.4	96.0 / -1.19	lot 18 con 2 ON	WWIS

Well ID: 1503081
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08-Jan-1960 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1503081.pdf

Additional Detail(s) (Map)

Well Completed Date: 1959/11/16
Year Completed: 1959
Depth (m): 24.9936
Latitude: 45.3434181735808
Longitude: -76.0350571804013
Path: 150\1503081.pdf

Bore Hole Information

Bore Hole ID:	10025124	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418910.50
Code OB Desc:		***North83:***	5021622.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	16-Nov-1959 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930995950
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995949
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503081
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10573694
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043026
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 82.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503081
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 25.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 4.0
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

Water Details

Water ID: 933455929
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 82.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025124
Depth M: 24.9936
Year Completed: 1959
Well Completed Dt: 1959/11/16
Audit No:
Tag No:
Contractor: 1802
Path: 150\1503081.pdf
Latitude: 45.3434181735808
Longitude: -76.0350571804013

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5 ***1 of 1*** ***N/47.3*** ***100.0 / 2.81*** ***421 Donald B. Munro Drive Ottawa ON K0A 1L0*** ***EHS***

Order No: 22061700777
Status: C
Report Type: Custom Report
Nearest Intersection:
Municipality:
Client Prov/State: ON

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

Report Date:	29-JUN-22	**Search Radius (km):**	.25
Date Received:	17-JUN-22	**X:**	-76.0351342
Previous Site Name:		**Y:**	45.3442417
Lot/Building Size:			
Additional Info Ordered:			

6 | **1 of 1** | **NE/49.3** | **99.9 / 2.73** | **CHINESE VALLEY TAKE-OUT INC.**
415 DONALD B. MUNRO DR., CARP
WEST CARLETON TWP. ON | **CA**

Certificate #:	8-4214-96-
Application Year:	96
Issue Date:	11/27/1996
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	COMMERCIAL KITCHEN EXHAUST SYSTEM
Contaminants:	Odour/Fumes
Emission Control:	Panel Filter

7 | **1 of 1** | **SSE/49.6** | **95.8 / -1.36** | **lot 18 con 3**
ON | **WWIS**

Well ID:	1518961	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	12-Jun-1984 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4767
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518961.pdf

Additional Detail(s) (Map)

Well Completed Date:	1984/04/30
Year Completed:	1984
Depth (m):	30.48
Latitude:	45.3434113710355
Longitude:	-76.0348145329657
Path:	151\1518961.pdf

Bore Hole Information

Bore Hole ID:	10040831	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418929.50
Code OB Desc:		**North83:**	5021621.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	30-Apr-1984 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931040167
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040166
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040168
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 73.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518961
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10589401
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071280
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991518961
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 60.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 50.0
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: 934651082
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934381106
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106365
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900615
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933475816
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80.0
Water Found Depth UOM: ft

Water Details

Water ID: 933475817
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 92.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10040831
Depth M: 30.48
Year Completed: 1984
Well Completed Dt: 1984/04/30
Audit No:
Tag No:
Contractor: 4767
Path: 151\1518961.pdf
Latitude: 45.3434113710355
Longitude: -76.0348145329657

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8 | ***1 of 1*** | ***WSW/56.2*** | ***94.6 / -2.58*** | ***3725 CARP ROAD lot 18 con 3 CARP ON*** | ***WWIS***

Well ID: 7342134
Construction Date:
Use 1st: Monitoring and Test Hole
Use 2nd:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z311168
Tag: A268951
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 23-Jul-2019 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7

Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/05/31
Year Completed:	2019
Depth (m):	3.1
Latitude:	45.3434940242959
Longitude:	-76.0356265790418
Path:	

Bore Hole Information

Bore Hole ID:	1007662885	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418866.00
Code OB Desc:		***North83:***	5021631.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	31-May-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008202146
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	2.130000114440918
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008202144
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008202145
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.3100000023841858
Formation End Depth:	2.130000114440918
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202864
Layer:	1
Plug From:	0.0
Plug To:	0.3100000023841858
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202865
Layer:	2
Plug From:	0.3100000023841858
Plug To:	0.7599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202866
Layer:	3
Plug From:	0.7599999904632568
Plug To:	3.0999999046325684
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008203445

Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1008201270
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008203697
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 0.9100000262260437
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008203944
Layer: 1
Slot: 10
Screen Top Depth: 0.9100000262260437
Screen End Depth: 3.0999999046325684
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.820000171661377

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008204244
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008203193
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 3.0999999046325684
Hole Depth UOM: m

Hole Diameter UOM: cm

Links

Bore Hole ID:	1007662885	**Tag No:**	A268951
Depth M:	3.1	**Contractor:**	7241
Year Completed:	2019	**Path:**	734\7342134.pdf
Well Completed Dt:	2019/05/31	**Latitude:**	45.3434940242959
Audit No:	Z311168	**Longitude:**	-76.0356265790418

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9 | **1 of 1** | **E/61.0** | **98.3 / 1.12** | **lot 18 con 2 ON** | **WWIS**

Well ID:	1503082	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Industrial	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06-Apr-1960 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HUNTLEY TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503082.pdf

Additional Detail(s) (Map)

Well Completed Date: 1960/03/17
Year Completed: 1960
Depth (m): 24.9936
Latitude: 45.3437851074514
Longitude: -76.0342979989857
Path: 150\1503082.pdf

Bore Hole Information

Bore Hole ID:	10025125	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418970.50
Code OB Desc:		**North83:**	5021662.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	17-Mar-1960 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930995952
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995953
Layer:	3
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995951
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503082
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID: 10573695
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043027
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 82.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503082
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 33.0
Flowing Rate:
Recommended Pump Rate: 33.0
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

Water Details

Water ID: 933455930
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 82.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025125
Depth M: 24.9936
Year Completed: 1960
Well Completed Dt: 1960/03/17
Audit No:
Tag No:
Contractor: 1802
Path: 150\1503082.pdf
Latitude: 45.3437851074514
Longitude: -76.0342979989857

10 ***1 of 1*** ***W/61.1*** ***97.3 / 0.16*** ***ON*** ***BORE***

Borehole ID: 608780
OGF ID: 215510486
Status:
Type: Borehole
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No

Use:		**Primary Name:**	
Completion Date:	DEC-1958	**Municipality:**	
Static Water Level:	-1.5	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.343953
Total Depth m:	42.1	**Longitude DD:**	-76.035832
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	418851
Drill Method:		**Northing:**	5021682
Orig Ground Elev m:	94.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	93.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218381655	**Mat Consistency:**	
Top Depth:	29.6	**Material Moisture:**	
Bottom Depth:	42.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00138BLE AT 315.0 FEET.ET.VELOCITY = 4300. BEDROCK. SEISMIC VELOCITY = 17500.		

Geology Stratum ID:	218381653	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218381654	**Mat Consistency:**	
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	29.6	**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.		

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: 01288 NTS_Sheet:		
Confiden 1:			

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

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		

11	***1 of 1***	***W/61.2***	***97.3 / 0.16***	***lot 18 con 3 ON***	***WWIS***

Well ID:	1503142	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	16-Mar-1959 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3566
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503142.pdf

Additional Detail(s) (Map)

Well Completed Date:	1958/12/30
Year Completed:	1958
Depth (m):	42.0624
Latitude:	45.3439512257296
Longitude:	-76.0358327659158
Path:	150\1503142.pdf

Bore Hole Information

Bore Hole ID:	10025185	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418850.50
Code OB Desc:		***North83:***	5021682.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	30-Dec-1958 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996111
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	97.0
Formation End Depth:	138.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996110
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996109
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503142
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573755

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043137
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 138.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043136
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 97.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503142
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 40.0
Recommended Pump Depth:
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933456002
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 138.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025185
Depth M: 42.0624
Year Completed: 1958
Tag No:
Contractor: 3566
Path: 150\1503142.pdf

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

Well Completed Dt: 1958/12/30
Audit No:
Latitude: 45.3439512257296
Longitude: -76.0358327659158

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12 | **1 of 1** | **ESE/62.7** | **96.9 / -0.27** | **West Carleton Animal Hospital Prof Corp**
3710 Carp Road
Carp ON K0A1L0 | **GEN**

Generator No: ON4327584
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No: 75
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: PHARMACEUTICALS

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

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13 | **1 of 1** | **NNE/62.7** | **99.9 / 2.73** | **J. SPINDLER CUSTOM FURNITURE LTD.**
416 & 421 DONALD B. MUNRO DRIVE
CARP ON K0A 1L0 | **GEN**

Generator No: ON2633400
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

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

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14 | **1 of 1** | **SSE/70.8** | **94.7 / -2.49** | **3711 CARP ROAD, OTTAWA**
ON | **INC**

Incident No: 133950
Incident ID: 2284798
Instance No:
Status Code: Causal Analysis Complete
Attribute Category: FS-Incident
Context:
Any Health Impact:
Any Enviro Impact:
Service Interrupted:
Was Prop Damaged:
Reside App. Type:
Commer App. Type:

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

Date of Occurrence:		***Indus App. Type:***	
Time of Occurrence:		***Institut App. Type:***	
Incident Created On:		***Venting Type:***	
Instance Creation Dt:		***Vent Conn Mater:***	
Instance Install Dt:		***Vent Chimney Mater:***	
Occur Insp Start Date:		***Pipeline Type:***	
Approx Quant Rel:	50	***Pipeline Involved:***	
Tank Capacity:		***Pipe Material:***	
Fuels Occur Type:		***Depth Ground Cover:***	
Fuel Type Involved:		***Regulator Location:***	
Enforcement Policy:		***Regulator Type:***	
Prc Escalation Req:		***Operation Pressure:***	
Tank Material Type:		***Liquid Prop Make:***	
Tank Storage Type:		***Liquid Prop Model:***	
Tank Location Type:		***Liquid Prop Serial No:***	
Pump Flow Rate Cap:		***Liquid Prop Notes:***	
Task No:		***Equipment Type:***	
Notes:		***Equipment Model:***	
Drainage System:	Yes	***Serial No:***	
Sub Surface Contam.:		***Cylinder Capacity:***	
Aff Prop Use Water:	No	***Cylinder Cap Units:***	
Contam. Migrated:	Yes	***Cylinder Mat Type:***	
Contact Natural Env:	Yes	***Near Body of Water:***	Yes
Incident Location:	3711 CARP ROAD, OTTAWA - LEAK		
Occurence Narrative:			
Operation Type Involved:			
Item:			
Item Description:			
Device Installed Location:			

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15 ***1 of 2*** ***SSE/70.8*** ***94.7 / -2.49*** ***KARSON HOLDINGS INC.***
3711 CARP RD
CARP ON ***GEN***

Generator No:	ON7995069
SIC Code:	814110
SIC Description:	Private Households
Approval Years:	2009
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221
Waste Class Name:	LIGHT FUELS

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15 ***2 of 2*** ***SSE/70.8*** ***94.7 / -2.49*** ***KARSON HOLDINGS INC.***
3711 CARP RD
CARP ON ***GEN***

Generator No:	ON7995069
SIC Code:	814110
SIC Description:	Private Households
Approval Years:	2010
PO Box No:	
Country:	

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

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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16 | ***1 of 1*** | ***NW/75.6*** | ***97.8 / 0.64*** | ***R.M. OF OTTAWA-CARLETON CARP RD./DONALD B. MUNRO DR. WEST CARLETON TWP. ON*** | ***CA***

Certificate #: 3-1311-94-
Application Year: 94
Issue Date: 10/7/1994
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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17 | ***1 of 1*** | ***SSW/75.9*** | ***94.6 / -2.55*** | ***3725 CARP ROAD lot 18 con 3 CARP ON*** | ***WWIS***

Well ID: 7342133
Construction Date:
Use 1st: Monitoring and Test Hole
Use 2nd:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z311167
Tag: A268950
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 23-Jul-2019 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot: 018
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/05/31
Year Completed: 2019
Depth (m): 3.1
Latitude: 45.343172110359

Longitude: -76.0353909510741
Path:

Bore Hole Information

Bore Hole ID: 1007662882
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 31-May-2019 00:00:00
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 418884.00
North83: 5021595.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008202142
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008202143
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.130000114440918
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008202141
Layer: 1
Color: 2

General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202861
Layer:	1
Plug From:	0.0
Plug To:	0.3100000023841858
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202862
Layer:	2
Plug From:	0.3100000023841858
Plug To:	0.7599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202863
Layer:	3
Plug From:	0.7599999904632568
Plug To:	3.0999999046325684
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008203444
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1008201269
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203696
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	0.9100000262260437

Casing Diameter:	4.03000020980835
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1008203943
Layer:	1
Slot:	10
Screen Top Depth:	0.9100000262260437
Screen End Depth:	3.0999999046325684
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.820000171661377

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204243
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008203192
Diameter:	8.890000343322754
Depth From:	0.0
Depth To:	3.0999999046325684
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1007662882	**Tag No:**	A268950
Depth M:	3.1	**Contractor:**	7241
Year Completed:	2019	**Path:**	734\7342133.pdf
Well Completed Dt:	2019/05/31	**Latitude:**	45.343172110359
Audit No:	Z311167	**Longitude:**	-76.0353909510741

18	1 of 1	NNW/78.0	100.0 / 2.81	lot 18 con 2 ON	WWIS

Well ID:	1515638	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	19-Oct-1976 00:00:00
Water Type:		**Selected Flag:**	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1703
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515638.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/09/17
Year Completed:	1976
Depth (m):	23.1648
Latitude:	45.344495849294
Longitude:	-76.0353321136247
Path:	151\1515638.pdf

Bore Hole Information

Bore Hole ID:	10037584	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418890.50
Code OB Desc:		**North83:**	5021742.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Sep-1976 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931029797
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	76.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515638
Method Construction Code:	9
Method Construction:	Driving
Other Method Construction:	

Pipe Information

Pipe ID:	10586154
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066296
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	76.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991515638
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	17.0
Recommended Pump Depth:	35.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	6.0
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:	934101096
Test Type:	Draw Down
Test Duration:	15
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647457
Test Type:	Draw Down
Test Duration:	45
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377582
Test Type:	Draw Down
Test Duration:	30
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934896585
Test Type:	Draw Down
Test Duration:	60
Test Level:	17.0
Test Level UOM:	ft

Water Details

Water ID:	933471772
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10037584	***Tag No:***	
Depth M:	23.1648	***Contractor:***	1703
Year Completed:	1976	***Path:***	151\1515638.pdf
Well Completed Dt:	1976/09/17	***Latitude:***	45.344495849294
Audit No:		***Longitude:***	-76.0353321136247

19 | ***1 of 1*** | ***NNE/79.0*** | ***100.2 / 3.04*** | ***SPINDLER FURNITURE***
416 DONALD B. MONROE DRIVE
CARP ON K0A 1L0 | ***GEN***

Generator No:	ON2633400
SIC Code:	2699
SIC Description:	OTHER FURN. & FIXT.
Approval Years:	01
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	NNW/81.0	100.0 / 2.81	lot 18 con 2 ON	WWIS

Well ID: 1503084
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01-Jun-1962 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1503084.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/04/11
Year Completed: 1962
Depth (m): 19.5072
Latitude: 45.3444946922495
Longitude: -76.0354597388956
Path: 150\1503084.pdf

Bore Hole Information

Bore Hole ID: 10025127
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Apr-1962 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 418880.50
North83: 5021742.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930995959
Layer: 2
Color: 5
General Color: YELLOW

Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995958
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995960
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503084
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10573697
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043029

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503084
Pump Set At:	
Static Level:	13.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	60.0
Pumping Rate:	8.0
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:	933455932
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	64.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025127	**Tag No:**	
Depth M:	19.5072	**Contractor:**	1802
Year Completed:	1962	**Path:**	150\1503084.pdf
Well Completed Dt:	1962/04/11	**Latitude:**	45.3444946922495
Audit No:		**Longitude:**	-76.0354597388956

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22 | ***1 of 1*** | ***WSW/83.9*** | ***93.9 / -3.22*** | ***3725 CARP ROAD lot 18 con 3 CARP ON*** | ***WWIS***

Well ID:	7342135	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	23-Jul-2019 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z311140	**Contractor:**	7241
Tag:	A269017	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	03

Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/05/31
Year Completed:	2019
Depth (m):	3.1
Latitude:	45.3434813203525
Longitude:	-76.0360348084675
Path:	

Bore Hole Information

Bore Hole ID:	1007662888	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418834.00
Code OB Desc:		***North83:***	5021630.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	31-May-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008202147
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008202149
Layer:	3
Color:	2
General Color:	GREY

Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 1.8200000524520874
Formation End Depth: 3.0999999046325684
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008202148
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 1.8200000524520874
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202867
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202868
Layer: 2
Plug From: 0.3100000023841858
Plug To: 0.7599999904632568
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202869
Layer: 3
Plug From: 0.7599999904632568
Plug To: 3.0999999046325684
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1008203446
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID:	1008201271
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203698
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	0.9100000262260437
Casing Diameter:	4.03000020980835
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1008203945
Layer:	1
Slot:	10
Screen Top Depth:	0.9100000262260437
Screen End Depth:	3.0999999046325684
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.820000171661377

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204245
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008203194
Diameter:	8.890000343322754
Depth From:	0.0
Depth To:	3.0999999046325684
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

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

Bore Hole ID:	1007662888	**Tag No:**	A269017
Depth M:	3.1	**Contractor:**	7241
Year Completed:	2019	**Path:**	734\7342135.pdf
Well Completed Dt:	2019/05/31	**Latitude:**	45.3434813203525
Audit No:	Z311140	**Longitude:**	-76.0360348084675

23 **1 of 1** **ESE/84.5** **96.9 / -0.27** **lot 18 con 2 ON** **WWIS**

Well ID:	1503080	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02-Nov-1959 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3517
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503080.pdf

Additional Detail(s) (Map)

Well Completed Date:	1959/10/19
Year Completed:	1959
Depth (m):	32.9184
Latitude:	45.343607420478
Longitude:	-76.034039474369
Path:	150\1503080.pdf

Bore Hole Information

Bore Hole ID:	10025123	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418990.50
Code OB Desc:		**North83:**	5021642.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	19-Oct-1959 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930995945
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995948
Layer:	4
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	102.0
Formation End Depth:	108.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995947
Layer:	3
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	102.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995946
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	6.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503080
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573693
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043025
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	108.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503080
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455928
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025123	**Tag No:**	
Depth M:	32.9184	**Contractor:**	3517
Year Completed:	1959	**Path:**	150\1503080.pdf
Well Completed Dt:	1959/10/19	**Latitude:**	45.343607420478
Audit No:		**Longitude:**	-76.034039474369

24 | **1 of 1** | **N/89.6** | **99.9 / 2.79** | **422 DONALD MUNRO DRIVE CARP ON** | **WWIS**

Well ID:	7109713	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Test Hole	**Date Received:**	13-Aug-2008 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	M03131	**Contractor:**	6964
Tag:	A032184	**Form Version:**	5
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7109713.pdf

Additional Detail(s) (Map)

Well Completed Date:	2008/07/11
Year Completed:	2008
Depth (m):	6
Latitude:	45.3446239881963
Longitude:	-76.0350983032783
Path:	710\7109713.pdf

Bore Hole Information

Bore Hole ID:	1001728959	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418909.00
Code OB Desc:		**North83:**	5021756.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	11-Jul-2008 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1002687893
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.6000000238418579
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002687895
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5
Formation End Depth:	6.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002687894
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.6000000238418579
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002687897
Layer:	1
Plug From:	0.0
Plug To:	2.299999952316284
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1002687898
Layer: 2
Plug From: 2.299999952316284
Plug To: 6.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002687902
Method Construction Code: 9
Method Construction: Driving
Other Method Construction:

Pipe Information

Pipe ID: 1002687892
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002687899
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 3.0
Casing Diameter: 3.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002687900
Layer: 1
Slot: 10
Screen Top Depth: 3.0
Screen End Depth: 6.0
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.099999904632568

Hole Diameter

Hole ID: 1002687896
Diameter: 5.0
Depth From: 0.0
Depth To: 6.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1001728959
Depth M: 6
Year Completed: 2008
Well Completed Dt: 2008/07/11
Audit No: M03131
Tag No: A032184
Contractor: 6964
Path: 710\7109713.pdf
Latitude: 45.3446239881963
Longitude: -76.0350983032783

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	1 of 1	NNW/90.1	100.0 / 2.81	lot 18 con 3 ON	WWIS

Well ID: 1512051
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04-Nov-1972 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3504
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1512051.pdf

Additional Detail(s) (Map)

Well Completed Date: 1972/08/30
Year Completed: 1972
Depth (m): 51.816
Latitude: 45.3446131952077
Longitude: -76.0352959588436
Path: 151\1512051.pdf

Bore Hole Information

Bore Hole ID: 10034044
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-Aug-1972 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 418893.50
North83: 5021755.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931019484
Layer: 3
Color:
General Color:

Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 64.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019482
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019485
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019483
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933108793
Layer:	1
Plug From:	15.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512051
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10582614
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930060421
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	91.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991512051
Pump Set At:	
Static Level:	33.0
Final Level After Pumping:	155.0
Recommended Pump Depth:	155.0
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	3.0
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:	934098683
Test Type:	Recovery
Test Duration:	15
Test Level:	110.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934894769
Test Type:	Recovery
Test Duration:	60
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934646194
Test Type:	Recovery
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376274
Test Type:	Recovery
Test Duration:	30
Test Level:	80.0
Test Level UOM:	ft

Water Details

Water ID:	933467375
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933467376
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10034044	***Tag No:***	
Depth M:	51.816	***Contractor:***	3504
Year Completed:	1972	***Path:***	151\1512051.pdf
Well Completed Dt:	1972/08/30	***Latitude:***	45.3446131952077
Audit No:		***Longitude:***	-76.0352959588436

26	*1 of 14*	*ESE/91.7*	*96.9 / -0.27*	***West Carleton Animal Hospital*** ***3710 Carp Road*** ***Carp ON K0A1L0***	***GEN***

Generator No:	ON4327584
SIC Code:	541940
SIC Description:	Veterinary Services
Approval Years:	05,06,07,08
PO Box No:	

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

Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	2 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital 3710 Carp Road Carp ON	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: Veterinary Services
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	3 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital 3710 Carp Road Carp ON	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: Veterinary Services
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	4 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital 3710 Carp Road Carp ON	GEN

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

Generator No: ON4327584
SIC Code: 541940
SIC Description: Veterinary Services
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

26	5 of 14	ESE/91.7	96.9 / -0.27	**West Carleton Animal Hospital** **3710 Carp Road** **Carp ON K0A1L0**	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: Veterinary Services
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

26	6 of 14	ESE/91.7	96.9 / -0.27	**West Carleton Animal Hospital Prof Corp** **3710 Carp Road** **Carp ON**	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	7 of 14	ESE/91.7	96.9 / -0.27	RPM PROJECT MANAGERS 3710 CARP RD,,OTTAWA,ON,,CA ON	PINC

Incident Id:		**Pipe Material:**	
Incident No:	1909500	**Fuel Category:**	
Incident Reported Dt:	7/25/2016	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	RPM PROJECT MANAGERS		
Incident Address:	3710 CARP RD,,OTTAWA,ON,,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	8 of 14	ESE/91.7	96.9 / -0.27	Enbridge Gas Distribution Inc. 3710 Carp Rd, Carp Ottawa ON	SPL

Ref No:	0883-AC7JCH	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/07/25	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	3710 Carp Rd, Carp
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/07/25	**Site Map Datum:**	
Dt Document Closed:	2016/08/10	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	1/2" plastic service line<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: 1/2" pl service line strike, made safe		
Contaminant Qty:	0 L		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	9 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital Prof Corp 3710 Carp Road Carp ON K0A1L0	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Stephanie A Smith
Choice of Contact: CO_ADMIN
Phone No Admin: 613-839-1115 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	10 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital Prof Corp 3710 Carp Road Carp ON K0A1L0	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Stephanie A Smith
Choice of Contact: CO_ADMIN
Phone No Admin: 613-839-1115 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	11 of 14	ESE/91.7	96.9 / -0.27	West Carleton Animal Hospital Prof Corp 3710 Carp Road Carp ON K0A1L0	GEN

Generator No: ON4327584
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Stephanie A Smith
Choice of Contact: CO_ADMIN
Phone No Admin: 613-839-1115 Ext.
Contaminated Facility: No
MHSW Facility: No

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

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

26	12 of 14	ESE/91.7	96.9 / -0.27	**West Carleton Animal Hospital Prof Corp** **3710 Carp Road** **Carp ON K0A1L0**	GEN

Generator No: ON4327584
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No: 75
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

26	13 of 14	ESE/91.7	96.9 / -0.27	**West Carleton Animal Hospital Prof Corp** **3710 Carp Road** **Carp ON K0A1L0**	GEN

Generator No: ON4327584
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No: 75
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

26	14 of 14	ESE/91.7	96.9 / -0.27	**West Carleton Animal Hospital Prof Corp** **3710 Carp Road** **Carp ON K0A1L0**	GEN

Generator No: ON4327584

SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No: 75
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

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27 | ***1 of 1*** | ***NE/93.3*** | ***99.9 / 2.73*** | ***410 Donald B. Munro Ottawa ON*** | ***EHS***

Order No: 20140318007
Status: C
Report Type: Standard Report
Report Date: 19-MAR-14
Date Received: 18-MAR-14
Previous Site Name:
Lot/Building Size: 6000 square feet
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality: Ottawa (Carp)
Client Prov/State: ON
Search Radius (km): .25
X: -76.034248
Y: 45.344422

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28 | ***1 of 1*** | ***N/95.6*** | ***99.9 / 2.79*** | ***lot 18 con 2 ON*** | ***WWIS***

Well ID: 1503075
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 23-Dec-1954 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1503075.pdf

Additional Detail(s) (Map)

Well Completed Date: 1954/12/09
Year Completed: 1954

Depth (m): 56.0832
Latitude: 45.3446781611638
Longitude: -76.0350801436111
Path: 150\1503075.pdf

Bore Hole Information

Bore Hole ID:	10025118	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418910.50
Code OB Desc:		***North83:***	5021762.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	09-Dec-1954 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930995935
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 121.0
Formation End Depth: 184.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995933
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995934

Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	80.0
Formation End Depth:	121.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503075
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10573688
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043015
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	121.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043016
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	184.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503075
Pump Set At:	
Static Level:	28.0
Final Level After Pumping:	40.0
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:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455923
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	184.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025118	***Tag No:***	
Depth M:	56.0832	***Contractor:***	1802
Year Completed:	1954	***Path:***	150\1503075.pdf
Well Completed Dt:	1954/12/09	***Latitude:***	45.3446781611638
Audit No:		***Longitude:***	-76.0350801436111

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29 ***1 of 2*** ***WNW/98.1*** ***98.0 / 0.81*** ***433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0*** ***EHS***

Order No:	22030900035	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	14-MAR-22	***Search Radius (km):***	.25
Date Received:	09-MAR-22	***X:***	-76.0360865
Previous Site Name:		***Y:***	45.3443389
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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29 ***2 of 2*** ***WNW/98.1*** ***98.0 / 0.81*** ***433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0*** ***EHS***

Order No:	22030900035	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	14-MAR-22	***Search Radius (km):***	.25
Date Received:	09-MAR-22	***X:***	-76.0360865
Previous Site Name:		***Y:***	45.3443389
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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30 ***1 of 1*** ***W/99.3*** ***94.2 / -2.91*** ***lot 18 con 3 ON*** ***WWIS***

Well ID:	1503149	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Livestock	***Data Entry Status:***	
Use 2nd:	Domestic	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	17-Mar-1967 00:00:00
Water Type:		***Selected Flag:***	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4806
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503149.pdf

Additional Detail(s) (Map)

Well Completed Date:	1966/10/21
Year Completed:	1966
Depth (m):	22.5552
Latitude:	45.3438565954222
Longitude:	-76.0363416197382
Path:	150\1503149.pdf

Bore Hole Information

Bore Hole ID:	10025192	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418810.50
Code OB Desc:		**North83:**	5021672.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	21-Oct-1966 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996132
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	73.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996130
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996131
Layer:	2
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503149
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573762
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043148
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	74.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503149
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	28.0
Recommended Pump Depth:	40.0
Pumping Rate:	8.0
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:	933456010
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025192	**Tag No:**	
Depth M:	22.5552	**Contractor:**	4806
Year Completed:	1966	**Path:**	150\1503149.pdf
Well Completed Dt:	1966/10/21	**Latitude:**	45.3438565954222
Audit No:		**Longitude:**	-76.0363416197382

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31 | ***1 of 1*** | ***ENE/99.7*** | ***99.9 / 2.73*** | ***SPL***

PRIVATELY OWNED
CARP VILLAGE 404 DONALD MUNROE DRIVE
MOTOR VEHICLE (OPERATING FLUID)
OTTAWA-CARLETON R.M. ON

Ref No:	65812	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	12/7/1991	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CAUSE (N.O.S.)	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20000
Nature of Impact:		**Site Lot:**	
Receiving Medium:	AIR	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	12/7/1991	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	FIRE/EXPLOSION	**Source Type:**	
Site Name:			
Site County/District:			

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

Site Geo Ref Meth:
Incident Summary: OTTAWA VALLEY GRAIN -3 KINDS OF HERBICIDES IN FIRE, TOTAL 40 LITRES.
Contaminant Qty:

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33 | 1 of 1 | E/104.1 | 98.5 / 1.34 | lot 18 con 2 ON | WWIS

Well ID: 1500042
Construction Date:
Use 1st: Commerical
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 29-Oct-1957 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4833
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1500042.pdf

Additional Detail(s) (Map)

Well Completed Date: 1957/06/17
Year Completed: 1957
Depth (m): 22.86
Latitude: 45.3440597269797
Longitude: -76.0337924186342
Path: 150\1500042.pdf

Bore Hole Information

Bore Hole ID: 10022087
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-Jun-1957 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 419010.50
North83: 5021692.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID:	930988195
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961500042
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10570657
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930037116
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	75.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500042
Pump Set At:	
Static Level:	40.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID: 933452442
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10022087
Depth M: 22.86
Year Completed: 1957
Well Completed Dt: 1957/06/17
Audit No:
Tag No:
Contractor: 4833
Path: 150\1500042.pdf
Latitude: 45.3440597269797
Longitude: -76.0337924186342

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34 | ***1 of 1*** | ***W/104.8*** | ***94.2 / -2.91*** | ***3725 CARP ROAD lot 18 con 3 CARP ON*** | ***WWIS***

Well ID: 7342131
Construction Date:
Use 1st: Monitoring and Test Hole
Use 2nd:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z311165
Tag: A269012
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 23-Jul-2019 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot: 018
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/05/31
Year Completed: 2019
Depth (m): 2.74
Latitude: 45.3436131925648
Longitude: -76.0363818538689
Path:

Bore Hole Information

Bore Hole ID: 1007662876
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 31-May-2019 00:00:00
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 418807.00
North83: 5021645.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1008202135
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008202136
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1008202137
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.130000114440918
Formation End Depth: 2.740000009536743
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202856
Layer: 2
Plug From: 0.3100000023841858
Plug To: 0.7599999904632568
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202855
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008202857
Layer: 3
Plug From: 0.7599999904632568
Plug To: 2.740000009536743
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1008203442
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1008201267
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008203694
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 0.9100000262260437
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008203941
Layer: 1
Slot: 10
Screen Top Depth: 0.9100000262260437
Screen End Depth: 2.740000009536743
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm

Screen Diameter: 4.820000171661377

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008204241
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008203190
Diameter: 8.890000343322754
Depth From: 0.0
Depth To: 2.740000009536743
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1007662876
Depth M: 2.74
Year Completed: 2019
Well Completed Dt: 2019/05/31
Audit No: Z311165
Tag No: A269012
Contractor: 7241
Path: 734\7342131.pdf
Latitude: 45.3436131925648
Longitude: -76.0363818538689

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35 | **1 of 1** | **ENE/107.0** | **98.5 / 1.34** | **lot 18 con 2 ON** | **WWIS**

Well ID: 1515887
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10-May-1977 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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/151\1515887.pdf

Additional Detail(s) (Map)

Well Completed Date: 1977/04/01
Year Completed: 1977
Depth (m): 30.48
Latitude: 45.3441497261281
Longitude: -76.0337940568458
Path: 151\1515887.pdf

Bore Hole Information

Bore Hole ID: 10037826
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01-Apr-1977 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 419010.50
North83: 5021702.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931030507
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931030510
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 95.0

Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030509
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030508
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515887
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10586396
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066633
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991515887
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 50.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934897225
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378639
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639740
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101448
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933472072
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0

Water Found Depth UOM: ft

Links

Bore Hole ID:	10037826	**Tag No:**	
Depth M:	30.48	**Contractor:**	1558
Year Completed:	1977	**Path:**	151\1515887.pdf
Well Completed Dt:	1977/04/01	**Latitude:**	45.3441497261281
Audit No:		**Longitude:**	-76.0337940568458

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36 | **1 of 1** | **SSE/108.9** | **94.2 / -2.91** | **lot 18 con 3 ON** | **WWIS**

Well ID:	1503378	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	21-May-1963 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503378.pdf

Additional Detail(s) (Map)

Well Completed Date:	1963/02/21
Year Completed:	1963
Depth (m):	6.096
Latitude:	45.3428816480419
Longitude:	-76.0346644745005
Path:	150\1503378.pdf

Bore Hole Information

Bore Hole ID:	10025421	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418940.50
Code OB Desc:		**North83:**	5021562.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	21-Feb-1963 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930996691
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996692
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503378
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10573991
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043594
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503378
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	19.0
Recommended Pump Depth:	18.0
Pumping Rate:	17.0
Flowing Rate:	
Recommended Pump Rate:	4.0
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:	933456272
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025421	***Tag No:***	
Depth M:	6.096	***Contractor:***	1802
Year Completed:	1963	***Path:***	150\1503378.pdf
Well Completed Dt:	1963/02/21	***Latitude:***	45.3428816480419
Audit No:		***Longitude:***	-76.0346644745005

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37 ***1 of 1*** ***WNW/109.5*** ***96.9 / -0.27*** ***Mobile Ad Canada Ltd.***
435 Donald B Munro Rd
Carp ON ***SCT***

Established:	
Plant Size (ft²):	
Employment:	3

--Details--

Description:	Sign Manufacturing
SIC/NAICS Code:	339950

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38 ***1 of 1*** ***NW/112.4*** ***99.0 / 1.85*** ***lot 18 con 2***
ON ***WWIS***

Well ID:	1503088	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	17-Mar-1964 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	

Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503088.pdf

Additional Detail(s) (Map)

Well Completed Date:	1963/11/25
Year Completed:	1963
Depth (m):	32.3088
Latitude:	45.3446712184255
Longitude:	-76.0358458976393
Path:	150\1503088.pdf

Bore Hole Information

Bore Hole ID:	10025131	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418850.50
Code OB Desc:		**North83:**	5021762.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	25-Nov-1963 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995969
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995971
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	106.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995970
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503088
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10573701
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043033
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	106.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503088
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	82.0
Recommended Pump Depth:	70.0
Pumping Rate:	17.0
Flowing Rate:	
Recommended Pump Rate:	17.0
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:	933455936
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	104.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025131	**Tag No:**	
Depth M:	32.3088	**Contractor:**	1802
Year Completed:	1963	**Path:**	150\1503088.pdf
Well Completed Dt:	1963/11/25	**Latitude:**	45.3446712184255
Audit No:		**Longitude:**	-76.0358458976393

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	NE/113.3	100.1 / 2.94	lot 18 con 2 ON	WWIS

Well ID:	1503094	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Public	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	17-Mar-1967 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4806
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503094.pdf

Additional Detail(s) (Map)

Well Completed Date: 1966/12/12
Year Completed: 1966
Depth (m): 64.9224
Latitude: 45.3446850987691
Longitude: -76.034314389304
Path: 150\1503094.pdf

Bore Hole Information

Bore Hole ID: 10025137
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Dec-1966 00:00:00
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 418970.50
North83: 5021762.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930995991
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 198.0
Formation End Depth: 213.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995989
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995990
Layer:	2
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	198.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503094
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573707
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043041
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	213.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043040
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	198.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503094
Pump Set At:	
Static Level:	43.0
Final Level After Pumping:	44.0

Recommended Pump Depth:	100.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	30.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	8
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455942
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	213.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025137	**Tag No:**	
Depth M:	64.9224	**Contractor:**	4806
Year Completed:	1966	**Path:**	150\1503094.pdf
Well Completed Dt:	1966/12/12	**Latitude:**	45.3446850987691
Audit No:		**Longitude:**	-76.034314389304

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40 **1 of 1** **NE/113.4** **100.1 / 2.94** **ON** **BORE**

Borehole ID:	608787	**Inclin FLG:**	No
OGF ID:	215510493	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	DEC-1966	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.344686
Total Depth m:	64.9	**Longitude DD:**	-76.034314
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	418971
Drill Method:		**Northing:**	5021762
Orig Ground Elev m:	97.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	93.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218381679	**Mat Consistency:**	
Top Depth:	13.1	**Material Moisture:**	
Bottom Depth:	60.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND.

Geology Stratum ID: 218381678 ***Mat Consistency:***
Top Depth: 0 ***Material Moisture:***
Bottom Depth: 13.1 ***Material Texture:***
Material Color: Blue ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY. BLUE.

Geology Stratum ID: 218381680 ***Mat Consistency:***
Top Depth: 60.4 ***Material Moisture:***
Bottom Depth: 64.9 ***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. 00213SEISMIC VELOCITY = 6000. BEDROCK. SEISMIC VELOCITY = 18500. ER **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: 01295 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*** ***SW/121.6*** ***92.0 / -5.10*** ***3725 CARP ROAD lot 18 con 3 CARP ON*** ***WWIS***

Well ID: 7342132 ***Flowing (Y/N):***
Construction Date: ***Flow Rate:***
Use 1st: Monitoring and Test Hole ***Data Entry Status:***
Use 2nd: ***Data Src:***
Final Well Status: Monitoring and Test Hole ***Date Received:*** 23-Jul-2019 00:00:00
Water Type: ***Selected Flag:*** TRUE
Casing Material: ***Abandonment Rec:***
Audit No: Z311166 ***Contractor:*** 7241
Tag: A269014 ***Form Version:*** 7
Constructn Method: ***Owner:***
Elevation (m): ***County:*** OTTAWA-CARLETON
Elevatn Reliabilty: ***Lot:*** 018

Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/05/31
Year Completed:	2019
Depth (m):	3.1
Latitude:	45.342906136483
Longitude:	-76.0359349663959
Path:	

Bore Hole Information

Bore Hole ID:	1007662879	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418841.00
Code OB Desc:		***North83:***	5021566.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	31-May-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008202139
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.3100000023841858
Formation End Depth:	2.740000009536743
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008202140
Layer:	3
Color:	2

General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	2.740000009536743
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008202138
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202860
Layer:	3
Plug From:	0.7599999904632568
Plug To:	3.0999999046325684
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202859
Layer:	2
Plug From:	0.3100000023841858
Plug To:	0.7599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008202858
Layer:	1
Plug From:	0.0
Plug To:	0.3100000023841858
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1008203443
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1008201268
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008203695
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	0.9100000262260437
Casing Diameter:	4.03000020980835
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1008203942
Layer:	1
Slot:	10
Screen Top Depth:	0.9100000262260437
Screen End Depth:	3.0999999046325684
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.820000171661377

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008204242
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008203191
Diameter:	8.890000343322754
Depth From:	0.0
Depth To:	3.0999999046325684
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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

Links

Bore Hole ID:	1007662879	***Tag No:***	A269014
Depth M:	3.1	***Contractor:***	7241
Year Completed:	2019	***Path:***	734\7342132.pdf
Well Completed Dt:	2019/05/31	***Latitude:***	45.342906136483
Audit No:	Z311166	***Longitude:***	-76.0359349663959

42	***1 of 1***	***E/121.9***	***98.1 / 0.95***	***lot 18 con 2 ON***	***WWIS***

Well ID:	1503320	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	24-Sep-1962 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3503
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503320.pdf

Additional Detail(s) (Map)

Well Completed Date:	1962/09/03
Year Completed:	1962
Depth (m):	24.384
Latitude:	45.3439720380259
Longitude:	-76.0335355321054
Path:	150\1503320.pdf

Bore Hole Information

Bore Hole ID:	10025363	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	419030.50
Code OB Desc:		***North83:***	5021682.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	03-Sep-1962 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996559
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996560
Layer:	2
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996561
Layer:	3
Color:	
General Color:	
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503320
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573933

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043479
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933325871
Layer: 1
Slot:
Screen Top Depth: 76.0
Screen End Depth: 80.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503320
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 65.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 3.0
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: 933456212
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025363
Depth M: 24.384
Year Completed: 1962
Tag No:
Contractor: 3503
Path: 150\1503320.pdf

Well Completed Dt:	1962/09/03	**Latitude:**	45.3439720380259
Audit No:		**Longitude:**	-76.0335355321054

43 | **1 of 1** | **ESE/124.0** | **95.6 / -1.58** | **lot 18 con 2 ON** | **WWIS**

Well ID:	1503086	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	26-Feb-1963 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4806
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HUNTLEY TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503086.pdf

Additional Detail(s) (Map)

Well Completed Date:	1962/12/20
Year Completed:	1962
Depth (m):	25.908
Latitude:	45.3430685809743
Longitude:	-76.0339020209464
Path:	150\1503086.pdf

Bore Hole Information

Bore Hole ID:	10025129	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	419000.50
Code OB Desc:		**North83:**	5021582.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	20-Dec-1962 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930995964
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: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995965
Layer: 2
Color:
General Color:
Mat1: 08
Most Common Material: FINE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503086
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573699
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043031
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 85.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933325866
Layer: 1
Slot: 012
Screen Top Depth: 81.0

Screen End Depth:	85.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503086
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	20.0
Pumping Rate:	19.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933455934
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025129	***Tag No:***	
Depth M:	25.908	***Contractor:***	4806
Year Completed:	1962	***Path:***	150\1503086.pdf
Well Completed Dt:	1962/12/20	***Latitude:***	45.3430685809743
Audit No:		***Longitude:***	-76.0339020209464

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44 ***1 of 1*** ***ESE/128.2*** ***95.2 / -1.94*** ***lot 18 con 2 ON*** ***WWIS***

Well ID:	1503091	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	30-Nov-1965 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1802
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503091.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/10/19
Year Completed:	1965
Depth (m):	20.1168
Latitude:	45.3432508897184
Longitude:	-76.0336500525363
Path:	150\1503091.pdf

Bore Hole Information

Bore Hole ID:	10025134	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	419020.50
Code OB Desc:		***North83:***	5021602.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	19-Oct-1965 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	930995981
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995980
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995979
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995982
Layer: 4
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 66.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503091
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10573704
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043037
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:	
Depth To:	66.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503091
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	40.0
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:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455939
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	66.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025134	**Tag No:**	
Depth M:	20.1168	**Contractor:**	1802
Year Completed:	1965	**Path:**	150\1503091.pdf
Well Completed Dt:	1965/10/19	**Latitude:**	45.3432508897184
Audit No:		**Longitude:**	-76.0336500525363

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45 | ***1 of 1*** | ***NW/129.9*** | ***99.6 / 2.50*** | ***lot 18 con 2 ON*** | ***WWIS***

Well ID:	1503078	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05-Aug-1958 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4833
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503078.pdf

Additional Detail(s) (Map)

Well Completed Date:	1958/05/21
Year Completed:	1958
Depth (m):	16.764
Latitude:	45.3448512165848
Longitude:	-76.0358491806477
Path:	150\1503078.pdf

Bore Hole Information

Bore Hole ID:	10025121	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418850.50
Code OB Desc:		***North83:***	5021782.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	21-May-1958 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995942
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503078
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10573691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043022
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 55.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043021
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933325865
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503078
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 25.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933455926
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025121
Depth M: 16.764
Year Completed: 1958
Well Completed Dt: 1958/05/21
Audit No:
Tag No:
Contractor: 4833
Path: 150\1503078.pdf
Latitude: 45.3448512165848
Longitude: -76.0358491806477

46	1 of 1	ENE/131.7	98.5 / 1.37	lot 18 con 2 ON	WWIS

Well ID: 1517625
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 22-Sep-1981 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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/151\1517625.pdf

Additional Detail(s) (Map)

Well Completed Date: 1981/07/09
Year Completed: 1981
Depth (m): 79.248
Latitude: 45.3443229192326
Longitude: -76.0335546820632
Path: 151\1517625.pdf

Bore Hole Information

Bore Hole ID: 10039497
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09-Jul-1981 00:00:00
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 419029.50
North83: 5021721.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931035783
Layer: 6
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 140.0
Formation End Depth: 260.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035778
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035780
Layer: 3
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931035781
Layer:	4
Color:	7
General Color:	RED
Mat1:	21
Most Common Material:	GRANITE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035779
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	6.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035782
Layer:	5
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	90
Mat2 Desc:	VERY
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	42.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961517625
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10588067
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069057
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930069058
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	180.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930069059
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	260.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991517625
Pump Set At:	
Static Level:	70.0
Final Level After Pumping:	140.0
Recommended Pump Depth:	200.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934376044
Test Type:	Draw Down
Test Duration:	30

Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934645878
Test Type: Draw Down
Test Duration: 45
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895571
Test Type: Draw Down
Test Duration: 60
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102156
Test Type: Draw Down
Test Duration: 15
Test Level: 140.0
Test Level UOM: ft

Water Details

Water ID: 933474138
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 195.0
Water Found Depth UOM: ft

Water Details

Water ID: 933474137
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 36.0
Water Found Depth UOM: ft

Water Details

Water ID: 933474139
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 255.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10039497
Depth M: 79.248
Year Completed: 1981
Well Completed Dt: 1981/07/09
Tag No:
Contractor: 1558
Path: 151\1517625.pdf
Latitude: 45.3443229192326

Audit No: **Longitude:** -76.0335546820632

47 **1 of 1** **ENE/135.7** **98.1 / 0.95** **ON** **BORE**

Borehole ID: 608781
OGF ID: 215510487
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 1.5
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 97.5
Elev Reliabil Note:
DEM Ground Elev m: 93.7
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.344155
Longitude DD: -76.033411
UTM Zone: 18
Easting: 419041
Northing: 5021702
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218381658
Top Depth: 10.7
Bottom Depth:
Material Color:
Material 1: Sand
Material 2: Gravel
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND,GRAVEL. .VELOCITY = 4300. BEDROCK. SEISMIC VELOCITY = 17500. BEDROCK. SEISMIC VELOC
**Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 218381657
Top Depth: 3
Bottom Depth: 10.7
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. WATER STABLE AT 315.0 FEET.

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

Geology Stratum ID: 218381656
Top Depth: 0
Bottom Depth: 3
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

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: 012890 NTS_Sheet: 31F08A		
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		

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48 | ***1 of 1*** | ***WSW/139.4*** | ***90.8 / -6.30*** | ***Munro ON*** | ***MNR***

MDI No:	MDI31F08SE00016	**Twp Area:**	Huntley
OGF ID:		**Dep Class:**	
Deposit Status:		**Zone:**	
Claim Map:		**Easting:**	
Geological Dstrct:	Southern Ontario	**Northing:**	
Mining Division:		**Effective Dt/time:**	
Name:	Munro	**Date Last Modified:**	
P Commod:	CLAY	**Geo Update Dt/time:**	
S Commod:		**Class Sub Type No:**	
Latitude:	45.343411	**Status:**	Past Producing Mine Without Reserves or Resources
Longitude:	-76.036759		
Class Sub Type:			
Source Map:			
Detail:	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31F08SE00016.html		
All Names:	Munro		
Access Description:	N/A		

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49 | ***1 of 1*** | ***WNW/152.1*** | ***96.9 / -0.27*** | ***Thurber Engineering Ltd.
439 Donald B. Munro Drive
Carp ON K0A 1L0*** | ***GEN***

Generator No:	ON4971284
SIC Code:	
SIC Description:	
Approval Years:	As of Nov 2021
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	146 T
Waste Class Name:	Other specified inorganic sludges, slurries or solids

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	1 of 3	SE/157.8	91.9 / -5.27	R.M. OF OTTAWA-CARLETON CARP RD./RIVINGTON ST. WEST CARLETON TWP. ON	CA

Certificate #: 7-0013-94-
Application Year: 94
Issue Date: 1/21/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	2 of 3	SE/157.8	91.9 / -5.27	City of Ottawa Carp Road and Rivington Street Ottawa ON	SPL

Ref No: 5488-7UKRKN
Site No:
Incident Dt:
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Planned Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/3/2009
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: Storm outlet into Carp River <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: City of Ottawa-Carp: 50 l diesel from storm pipe to Carp R.
Contaminant Qty: 50 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	3 of 3	SE/157.8	91.9 / -5.27	Clean Water Works Inc. Carp Rd at Rivington St, Carp Ottawa ON	SPL

Ref No: 8242-A9NLGN
Site No: NA
Incident Dt: 2016/05/05
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: Carp Rd at Rivington St, Carp
Site District Office:

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

Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	5021550
MOE Response:	No	**Easting:**	419022
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/05/05	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	
Site Name:	CWW truck<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Clean Water Works: 50 Lhyd oil to asp, ctnd, clnd.		
Contaminant Qty:	50 L		

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51 | ***1 of 1*** | ***SE/159.3*** | ***93.2 / -3.94*** | ***lot 18 con 2 ON*** | ***WWIS***

Well ID:	1503087	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Public	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	27-Aug-1963 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503087.pdf

Additional Detail(s) (Map)

Well Completed Date:	1963/05/17
Year Completed:	1963
Depth (m):	8.2296
Latitude:	45.3428008938701
Longitude:	-76.033641862953
Path:	150\1503087.pdf

Bore Hole Information

Bore Hole ID:	10025130	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	419020.50
Code OB Desc:		**North83:**	5021552.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	17-May-1963 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m

Remarks: ***Location Method:*** p5
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930995968
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995966
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930995967
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503087
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10573700
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043032
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503087
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 20.0
Pumping Rate: 17.0
Flowing Rate:
Recommended Pump Rate: 13.0
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: 933455935
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 25.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025130
Depth M: 8.2296
Year Completed: 1963
Well Completed Dt: 1963/05/17
Audit No:
Tag No:
Contractor: 1802
Path: 150\1503087.pdf
Latitude: 45.3428008938701
Longitude: -76.033641862953

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
52	1 of 1	E/163.6	95.4 / -1.75	TRANSPORT TRUCK 405 DONALD B MUNROE BLVD, CARP (AT CARP FEEDSTORE) MOTOR VEHICLE (OPERATING FLUID) WEST CARLETON TOWNSHIP ON	SPL

Ref No:	120473	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11/6/1995	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	TRUCK/TRAILER OVERTURN	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	20613
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	WEST-CARLETON F/D; MOEE
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/6/1995	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TD SMITH TRANSPORT-SMALL QTY DIESEL TO SOIL. F/D RESPONDED. ERP CALL-OUT.		
Contaminant Qty:			

53	1 of 1	SE/163.6	91.9 / -5.27	ON	BORE

Borehole ID:	881343	**Inclin FLG:**	No
OGF ID:	215591053	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	13-JUL-1961	**Municipality:**	
Static Water Level:	3.5	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.342719
Total Depth m:	30.5	**Longitude DD:**	-76.033685
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	419017
Drill Method:	Diamond Drill	**Northing:**	5021543
Orig Ground Elev m:	30.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	90.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8005435	**Mat Consistency:**	
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	28	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	

Material 1:	Sand	**Geologic Formation:**	
Material 2:	Fine Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SATURATED SAND AND FINE GRAVEL.		

Geology Stratum ID:	8005432	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRANULAR FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005433	**Mat Consistency:**	
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Peat	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	PEAT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005434	**Mat Consistency:**	Loose
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LOOSE, CLAYEY SAND.		

Geology Stratum ID:	8005436	**Mat Consistency:**	
Top Depth:	28	**Material Moisture:**	
Bottom Depth:	30.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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54 | ***1 of 1*** | ***ESE/166.0*** | ***93.2 / -3.91*** | ***ON*** | ***BORE***

Borehole ID:	881342	**Inclin FLG:**	No
OGF ID:	215591052	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	12-JUL-1961	**Municipality:**	
Static Water Level:	2.9	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.342793
Total Depth m:	11.6	**Longitude DD:**	-76.033533
Depth Ref:	Ground Surface	**UTM Zone:**	18

Depth Elev:		**Easting:**	419029
Drill Method:	Diamond Drill	**Northing:**	5021551
Orig Ground Elev m:	29.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	91.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8005431	**Mat Consistency:**	Loose
Top Depth:	5.6	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fine Sand	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Fine Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LOOSE, CLAYEY, SATURATED, FINE SAND TO FINE GRAVEL.		

Geology Stratum ID:	8005429	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRANULAR FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005430	**Mat Consistency:**	
Top Depth:	.9	**Material Moisture:**	
Bottom Depth:	5.6	**Material Texture:**	Fibrous
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Peat	**Geologic Formation:**	
Material 2:	Shells	**Geologic Group:**	
Material 3:	Coarse Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BLACK. FIBROUS PEAT. WITH SHELS AND SOME COARSE SAND.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	1 of 6	E/169.7	95.4 / -1.75	CARP FLOUR MILLS DIV OTTAWA VALLEY GRAIN PRODUCTS 405 MAIN STREET CARP ON K0A 1L0	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:**	
Region:		**Post Office Box:**	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				District: **MOE District:** **County:** **SWP Area Name:** **Trade Name:** **PDF URL:**	
55	2 of 6	E/169.7	95.4 / -1.75	**Carp Flour Mills** **405 Donald Munro Dr** **Carp ON K0A 1L0**	SCT
				Established: 01-AUG-27 **Plant Size (ft²):** 4000 **Employment:** **--Details--** **Description:** Flour Milling **SIC/NAICS Code:** 311211	
55	3 of 6	E/169.7	95.4 / -1.75	**Carp Flour Mills - Div. of Ottawa Valley Grain Products Inc.** **405 Donald Munro Dr** **Carp ON**	SCT
				Established: 1987 **Plant Size (ft²):** 4000 **Employment:** 3	
55	4 of 6	E/169.7	95.4 / -1.75	**CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS** **405 MAIN STREET** **CARP ON K0A1L0**	PES
				Detail Licence No: 23-01-01042-0 **Licence No:** 01042 **Status:** **Approval Date:** **Report Source:** Legacy Licenses (Excluding TS) **Licence Type:** Limited Vendor **Licence Type Code:** 23 **Licence Class:** 01 **Licence Control:** 0 **Latitude:** **Longitude:** **Lot:** **Concession:** **Region:** 4 **District:** 2 **County:** 15 **Trade Name:** **PDF URL:**	**Operator Box:** 30 **Operator Class:** **Operator No:** **Operator Type:** **Oper Area Code:** 613 **Oper Phone No:** 8392802 **Operator Ext:** **Operator Lot:** **Oper Concession:** **Operator Region:** 4 **Operator District:** 2 **Operator County:** 15 **Op Municipality:** **Post Office Box:** **MOE District:** **SWP Area Name:**
55	5 of 6	E/169.7	95.4 / -1.75	**Carp Flour Mills - Div. of** **405 Donald Munro Dr** **Carp ON K0A 1L0**	SCT
				Established: 7/1/1927 **Plant Size (ft²):** 4000 **Employment:**	

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

--Details--
Description: Flour Milling
SIC/NAICS Code: 311211

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55 | ***6 of 6*** | ***E/169.7*** | ***95.4 / -1.75*** | ***CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS 405 MAIN STREET CARP ON K0A1L0*** | ***PES***

Detail Licence No:		***Operator Box:***	30
Licence No:	01042	***Operator Class:***	
Status:		***Operator No:***	
Approval Date:		***Operator Type:***	
Report Source:	Legacy Licenses (Excluding TS)	***Oper Area Code:***	613
Licence Type:	Retail Vendor Class 01	***Oper Phone No:***	8392802
Licence Type Code:	21	***Operator Ext:***	
Licence Class:	01	***Operator Lot:***	
Licence Control:		***Oper Concession:***	
Latitude:		***Operator Region:***	
Longitude:		***Operator District:***	
Lot:		***Operator County:***	
Concession:		***Op Municipality:***	
Region:		***Post Office Box:***	
District:		***MOE District:***	
County:		***SWP Area Name:***	
Trade Name:			
PDF URL:			

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56 | ***1 of 1*** | ***SSE/173.6*** | ***91.5 / -5.64*** | ***lot 18 con 5 ON*** | ***WWIS***

Well ID:	1525403	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02-May-1991 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	098966	***Contractor:***	3142
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	05
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525403.pdf

Additional Detail(s) (Map)

Well Completed Date:	1991/03/22
Year Completed:	1991
Depth (m):	50.292
Latitude:	45.3423724675035
Longitude:	-76.0342339815829

Path: 152\1525403.pdf

Bore Hole Information

Bore Hole ID:	10047141	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418973.50
Code OB Desc:		**North83:**	5021505.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	22-Mar-1991 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Loc Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931061040
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	110.0
Formation End Depth:	165.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931061039
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931061037
Layer:	2
Color:	2
General Color:	GREY

Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061036
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061038
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111179
Layer: 1
Plug From: 0.0
Plug To: 37.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525403
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595711
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082531
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

Construction Record - Casing

Casing ID: 930082530
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

Pumping Test Method Desc: BAILER
Pump Test ID: 991525403
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 120.0
Recommended Pump Depth: 150.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934905775
Test Type:
Test Duration: 60
Test Level: 120.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112231
Test Type:

Test Duration: 15
Test Level: 120.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387636
Test Type:
Test Duration: 30
Test Level: 120.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648597
Test Type:
Test Duration: 45
Test Level: 120.0
Test Level UOM: ft

Links

Bore Hole ID: 10047141
Depth M: 50.292
Year Completed: 1991
Well Completed Dt: 1991/03/22
Audit No: 098966
Tag No:
Contractor: 3142
Path: 152\1525403.pdf
Latitude: 45.3423724675035
Longitude: -76.0342339815829

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57 | **1 of 2** | **NW/174.1** | **99.9 / 2.73** | **lot 18 con 2 ON** | **WWIS**

Well ID: 1518827
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01-Mar-1984 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3323
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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/151\1518827.pdf

Additional Detail(s) (Map)

Well Completed Date: 1983/05/06
Year Completed: 1983
Depth (m): 63.0936
Latitude: 45.3451997817626
Longitude: -76.0361235989519
Path: 151\1518827.pdf

Bore Hole Information

Bore Hole ID:	10040697	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418829.50
Code OB Desc:		***North83:***	5021821.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	06-May-1983 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931039676
Layer: 3
Color: 8
General Color: BLACK
Mat1: 13
Most Common Material: BOULDERS
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039675
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039677
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28

Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039678
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	21
Most Common Material:	GRANITE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	123.0
Formation End Depth:	207.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039674
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
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:	961518827
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589267
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071047
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	128.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991518827
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	
Recommended Pump Depth:	195.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	15.0
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:	933475638
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	202.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10040697	**Tag No:**	
Depth M:	63.0936	**Contractor:**	3323
Year Completed:	1983	**Path:**	151\1518827.pdf
Well Completed Dt:	1983/05/06	**Latitude:**	45.3451997817626
Audit No:		**Longitude:**	-76.0361235989519

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
57	2 of 2	NW/174.1	99.9 / 2.73	lot 18 con 2 ON	WWIS

Well ID:	1518879	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	01-Mar-1984 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3323
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON

Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518879.pdf

Additional Detail(s) (Map)

Well Completed Date:	1983/05/10
Year Completed:	1983
Depth (m):	69.4944
Latitude:	45.3451997817626
Longitude:	-76.0361235989519
Path:	151\1518879.pdf

Bore Hole Information

Bore Hole ID:	10040749	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418829.50
Code OB Desc:		**North83:**	5021821.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10-May-1983 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931039865
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039864
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28

Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
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:	931039867
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	21
Most Common Material:	GRANITE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	105.0
Formation End Depth:	228.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039866
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	85.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961518879
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589319
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071144
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	110.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991518879
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	223.0
Recommended Pump Depth:	200.0
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:	934103351
Test Type:	Recovery
Test Duration:	15
Test Level:	128.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381026
Test Type:	Recovery
Test Duration:	30
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900118
Test Type:	Recovery
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651002
Test Type:	Recovery
Test Duration:	45
Test Level:	32.0
Test Level UOM:	ft

Water Details

Water ID:	933475709
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	223.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10040749	**Tag No:**	
Depth M:	69.4944	**Contractor:**	3323
Year Completed:	1983	**Path:**	151\1518879.pdf
Well Completed Dt:	1983/05/10	**Latitude:**	45.3451997817626
Audit No:		**Longitude:**	-76.0361235989519

58 ***1 of 1*** ***ESE/186.5*** ***93.3 / -3.86*** ***lot 18 con 2 ON*** ***WWIS***

Well ID:	1514331	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	15-Oct-1974 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1558
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514331.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/09/27
Year Completed:	1974
Depth (m):	20.7264
Latitude:	45.3427778204643
Longitude:	-76.0332074585281
Path:	151\1514331.pdf

Bore Hole Information

Bore Hole ID:	10036306	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	419054.50
Code OB Desc:		**North83:**	5021549.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-Sep-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931025972
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025971
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025970
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: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961514331
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10584876
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930064161
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 68.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991514331
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 25.0
Pumping Rate: 50.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934381949
Test Type: Draw Down
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900406
Test Type: Draw Down
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934642938
Test Type: Draw Down
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100184
Test Type: Draw Down
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933470187
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10036306
Depth M: 20.7264
Year Completed: 1974
Well Completed Dt: 1974/09/27
Audit No:
Tag No:
Contractor: 1558
Path: 151\1514331.pdf
Latitude: 45.3427778204643
Longitude: -76.0332074585281

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59 | ***1 of 1*** | ***NW/194.3*** | ***100.9 / 3.73*** | ***lot 18 con 3 ON*** | ***WWIS***

Well ID: 1503145
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HUNTLEY TOWNSHIP
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 25-Feb-1963 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 018
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\1503145.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/11/16
Year Completed: 1962

Depth (m): 29.5656
Latitude: 45.3450219496535
Longitude: -76.0368734750932
Path: 150\1503145.pdf

Bore Hole Information

Bore Hole ID: 10025188
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-Nov-1962 00:00:00
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 418770.50
North83: 5021802.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930996120
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996119
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961503145

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

Pipe Information

Pipe ID: 10573758
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043142
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043141
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503145
Pump Set At:
Static Level: 52.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 85.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
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: 933456005
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95.0

Water Found Depth UOM: ft

Links

Bore Hole ID:	10025188	***Tag No:***	
Depth M:	29.5656	***Contractor:***	3601
Year Completed:	1962	***Path:***	150\1503145.pdf
Well Completed Dt:	1962/11/16	***Latitude:***	45.3450219496535
Audit No:		***Longitude:***	-76.0368734750932

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60 ***1 of 1*** ***SE/195.3*** ***91.9 / -5.27*** ***ON*** ***BORE***

Borehole ID:	881344	***Inclin FLG:***	No
OGF ID:	215591054	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	13-JUL-1961	***Municipality:***	
Static Water Level:	3.7	***Lot:***	ROAD
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.342515
Total Depth m:	11.9	***Longitude DD:***	-76.033401
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	419039
Drill Method:	Diamond Drill	***Northing:***	5021520
Orig Ground Elev m:	30.4	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	91.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8005440	***Mat Consistency:***	Soft
Top Depth:	9.1	***Material Moisture:***	
Bottom Depth:	11.9	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Shells	***Geologic Period:***	
Material 4:	Sand	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SOFT. GREY, SILTY CLAY WITH WHITE SHELLS. SATURATED SAND.		

Geology Stratum ID:	8005437	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRANULAR FILL (BRIDGE APPROACH) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005439	***Mat Consistency:***	Soft
Top Depth:	6.9	***Material Moisture:***	
Bottom Depth:	9.1	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	

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

Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOFT, GREY, SILTY CLAY.		

Geology Stratum ID:	8005438	**Mat Consistency:**	Soft
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	6.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Organic	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOFT, PINKISH TO GREENISH GREY, SILTY CLAY, SLIGHTLY ORGANIC AND PARTIALLY FISSURED.		

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61 | ***1 of 2*** | ***WNW/199.1*** | ***95.8 / -1.36*** | ***Star Fashion Cleaners*** ***449 Donald B. Munro*** ***Carp ON K0A1L0*** | ***CDRY***

Legal Name of Company:	488402 Ont Ltd
Region:	Ontario

Waste Quantity by Year

Reporting Year:	2019
Quantity of PERC (kg):	337.92
Total Waste Water (kg):	0
Total Waste Water (L):	205
Total Residue (kg):	0
Total Residue (L):	115
Total Mix (kg):	0
Total Mix (L):	0
Request for Confidentiality:	no
Reason for Confidentiality:	

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61 | ***2 of 2*** | ***WNW/199.1*** | ***95.8 / -1.36*** | ***488402 Ontario LTD.*** ***449 Donald B Munro*** ***ottawa ON K0A1L0*** | ***GEN***

Generator No:	ON3607035
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2022
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	211 U
Waste Class Name:	AROMATIC SOLVENTS
Waste Class:	213 H
Waste Class Name:	PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	1 of 14	WNW/199.7	95.8 / -1.36	CARP QUALITY CLEANERS 449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	GEN

Generator No: ON1268000
SIC Code: 0000
SIC Description: *** NOT DEFINED ***
Approval Years: 89,99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	2 of 14	WNW/199.7	95.8 / -1.36	CARP QUALITY CLEANERS 08-590 449 DONALD B. MUNRO DRIVE CARP ON K0A 1L0	GEN

Generator No: ON1268000
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	3 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONBALD B MUNRO CARP ON	GEN

Generator No: ON4343576
SIC Code:
SIC Description:
Approval Years: 03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	4 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO DRIVE CARP ON K0A 1L0	GEN

Generator No: ON2396908
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
Approval Years: 04,05,06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	5 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO DRIVE CARP ON	GEN

Generator No: ON2396908
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	6 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO DRIVE CARP ON	GEN

Generator No: ON2396908
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:

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

Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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62 | ***7 of 14*** | ***WNW/199.7*** | ***95.8 / -1.36*** | ***STAR FASHION CLEANERS***
449 DONALD B MUNRO DRIVE
CARP ON | ***GEN***

Generator No: ON2396908
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

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62 | ***8 of 14*** | ***WNW/199.7*** | ***95.8 / -1.36*** | ***STAR FASHION CLEANERS***
449 DONALD B MUNRO DRIVE
CARP ON K0A 1L0 | ***GEN***

Generator No: ON2396908
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 233
Waste Class Name: OTHER POLYMERIC WASTES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	9 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	10 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	11 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

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

Detail(s)

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	12 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 241 H
Waste Class Name: Halogenated solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	13 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 211 U
Waste Class Name: Aromatic solvents and residues

Waste Class: 213 H
Waste Class Name: Petroleum distillates

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	14 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN

Generator No: ON3607035
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

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

Detail(s)

Waste Class: 211 U
Waste Class Name: Aromatic solvents and residues

Waste Class: 213 H
Waste Class Name: Petroleum distillates

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63 | **1 of 1** | **W/202.2** | **93.2 / -3.90** | **ON** | **BORE**

Borehole ID: 608782
OGF ID: 215510488
Status:
Type: Borehole
Use:
Completion Date: DEC-1966
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 42.7
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 93
Elev Reliabil Note:
DEM Ground Elev m: 91.5
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: 45.344116
Longitude DD: -76.037622
UTM Zone: 18
Easting: 418711
Northing: 5021702
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218381659
Top Depth: 0
Bottom Depth: 18.3
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

Geology Stratum ID: 218381661
Top Depth: 32.9
Bottom Depth: 42.7
Material Color: Grey
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. GREY. 00135AVEL. .VELOCITY = 4300. BEDROCK. SEISMIC VELOCITY = 17500. BED **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID:	218381660	**Mat Consistency:**	
Top Depth:	18.3	**Material Moisture:**	
Bottom Depth:	32.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT,GRAVEL.		

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: 01290 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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64 | ***1 of 1*** | ***W/202.3*** | ***93.2 / -3.90*** | ***lot 18 con 3 ON*** | ***WWIS***

Well ID:	1503147	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Commerical	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02-Feb-1967 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1802
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503147.pdf

Additional Detail(s) (Map)

Well Completed Date:	1966/12/13
Year Completed:	1966

Depth (m): 42.672
Latitude: 45.3441150045319
Longitude: -76.0376227901331
Path: 150\1503147.pdf

Bore Hole Information

Bore Hole ID:	10025190	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418710.50
Code OB Desc:		**North83:**	5021702.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	13-Dec-1966 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930996124
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996125
Layer: 2
Color:
General Color:
Mat1: 06
Most Common Material: SILT
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 108.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930996126

Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	108.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503147
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10573760
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043146
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	140.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043145
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	108.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991503147
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	140.0
Recommended Pump Depth:	105.0
Pumping Rate:	2.0
Flowing Rate:	

Recommended Pump Rate:	1.0
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:	933456007
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933456008
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	135.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10025190	**Tag No:**	
Depth M:	42.672	**Contractor:**	1802
Year Completed:	1966	**Path:**	150\1503147.pdf
Well Completed Dt:	1966/12/13	**Latitude:**	45.3441150045319
Audit No:		**Longitude:**	-76.0376227901331

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65 ***1 of 1*** ***SE/204.3*** ***90.8 / -6.36*** ***ON*** ***BORE***

Borehole ID:	881345	**Inclin FLG:**	No
OGF ID:	215591055	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	14-JUL-1961	**Municipality:**	
Static Water Level:	3.7	**Lot:**	ROAD
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.342489
Total Depth m:	30.5	**Longitude DD:**	-76.033272
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	419049
Drill Method:	Diamond Drill	**Northing:**	5021517
Orig Ground Elev m:	30.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	92.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8005445	**Mat Consistency:**	
Top Depth:	28.7	**Material Moisture:**	
Bottom Depth:	30.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005442	**Mat Consistency:**	Soft
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	7	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOFT, GREY, SILTY CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005444	**Mat Consistency:**	
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	28.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Fine Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SATURATED SAND AND FINE GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005443	**Mat Consistency:**	Soft
Top Depth:	7	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Shells	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOFT, GREY CLAY WITH SHELLS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8005441	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRANULAR FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.		

66 | ***1 of 1*** | ***WNW/213.7*** | ***98.4 / 1.22*** | ***461 DONALD 13 MONROE lot 18 con 3 CARP ON*** | ***WWIS***

Well ID:	7302341	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Test Hole	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	

Final Well Status:	Observation Wells	***Date Received:***	22-Dec-2017 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z268044	***Contractor:***	7241
Tag:	A182602	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	018
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/11/07
Year Completed:	2017
Depth (m):	6.1
Latitude:	45.3445472897848
Longitude:	-76.0375987764424
Path:	

Bore Hole Information

Bore Hole ID:	1006930290	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	418713.00
Code OB Desc:		***North83:***	5021750.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	07-Nov-2017 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007108563
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.6100000143051147
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007108562
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007108564
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.0999999046325684
Formation End Depth:	6.099999904632568
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007108573
Layer:	2
Plug From:	0.3100000023841858
Plug To:	2.740000009536743
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007108574
Layer:	3
Plug From:	2.740000009536743
Plug To:	6.099999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007108572
Layer:	1
Plug From:	0.0
Plug To:	0.3100000023841858
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007108571
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007108561
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007108567
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	3.0999999046325684
Casing Diameter:	4.03000020980835
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007108568
Layer:	1
Slot:	10
Screen Top Depth:	3.0999999046325684
Screen End Depth:	6.099999904632568
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.820000171661377

Water Details

Water ID:	1007108566
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007108565
Diameter:	8.25
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006930290	***Tag No:***	A182602

Depth M:	6.1	**Contractor:**	7241
Year Completed:	2017	**Path:**	730\7302341.pdf
Well Completed Dt:	2017/11/07	**Latitude:**	45.3445472897848
Audit No:	Z268044	**Longitude:**	-76.0375987764424

67 **1 of 1** **WNW/218.6** **98.4 / 1.22** **461 DONALD B MONROE CARP ON** **WWIS**

Well ID:	7302349	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:	Test Hole	**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	22-Dec-2017 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z268043	**Contractor:**	7241
Tag:	A182601	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/11/07
Year Completed:	2017
Depth (m):	7.62
Latitude:	45.3446915201357
Longitude:	-76.0375758821546
Path:	

Bore Hole Information

Bore Hole ID:	1006930314	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	418715.00
Code OB Desc:		**North83:**	5021766.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07-Nov-2017 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007108724
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	4.570000171661377
Formation End Depth:	7.619999885559082
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007108723
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.6100000143051147
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007108722
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007108733
Layer:	2
Plug From:	0.3100000023841858
Plug To:	3.9600000381469727
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007108732
Layer:	1

Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007108734
Layer: 3
Plug From: 3.9600000381469727
Plug To: 7.619999885559082
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007108731
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007108721
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007108727
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 4.570000171661377
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007108728
Layer: 1
Slot: 10
Screen Top Depth: 4.570000171661377
Screen End Depth: 7.619999885559082
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.820000171661377

Water Details

Water ID: 1007108726
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1007108725
Diameter:	8.25
Depth From:	0.0
Depth To:	7.619999885559082
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006930314	***Tag No:***	A182601
Depth M:	7.62	***Contractor:***	7241
Year Completed:	2017	***Path:***	730\7302349.pdf
Well Completed Dt:	2017/11/07	***Latitude:***	45.3446915201357
Audit No:	Z268043	***Longitude:***	-76.0375758821546

68 ***1 of 2*** ***ESE/222.1*** ***92.9 / -4.29*** ***TUBMAN FUNERAL HOMES*** ***CARP CHAPEL 16 RIVINGTON STREET*** ***CARP ON K0A 1L0*** ***GEN***

Generator No:	ONF050100
SIC Code:	0000
SIC Description:	*** NOT DEFINED ***
Approval Years:	88,89,90
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

68 ***2 of 2*** ***ESE/222.1*** ***92.9 / -4.29*** ***TUBMAN FUNERAL HOMES 44-501*** ***CARP CHAPEL 16 RIVINGTON STREET*** ***CARP ON K0A 1L0*** ***GEN***

Generator No:	ONF050100
SIC Code:	0008
SIC Description:	EXEMPT
Approval Years:	92,93,94
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

69 ***1 of 1*** ***E/222.2*** ***94.5 / -2.65*** ***lot 18 con 2*** ***ON*** ***WWIS***

Well ID:	1503089	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	17-Jun-1965 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4806

Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	018
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503089.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/03/17
Year Completed:	1965
Depth (m):	56.0832
Latitude:	45.3436235836646
Longitude:	-76.0322527469818
Path:	150\1503089.pdf

Bore Hole Information

Bore Hole ID:	10025132	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	419130.50
Code OB Desc:		**North83:**	5021642.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	17-Mar-1965 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930995975
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	157.0
Formation End Depth:	184.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995973
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995972
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930995974
Layer:	3
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	157.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503089
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573702
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID: 930043034
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 157.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043035
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 184.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991503089
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 70.0
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: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933455937
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 184.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10025132
Depth M: 56.0832
Year Completed: 1965
Well Completed Dt: 1965/03/17
Audit No:
Tag No:
Contractor: 4806
Path: 150\1503089.pdf
Latitude: 45.3436235836646
Longitude: -76.0322527469818

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
70	1 of 1	ESE/232.1	93.0 / -4.12	UNITED CO-OPERATIVES OF ONTARIO 28 RIVINGTON STREET CARP ON K2L 1Y3	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:	
Region:		Post Office Box:	
District:		MOE District:	
County:		SWP Area Name:	
Trade Name:			
PDF URL:			

71	1 of 2	ENE/232.2	100.9 / 3.73

154 Colonnade Rd S
Nepean ON K0A 1L0

EHS

Order No:	21100700358	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	13-OCT-21	Search Radius (km):	.25
Date Received:	07-OCT-21	X:	-76.0326956
Previous Site Name:		Y:	45.3450625
Lot/Building Size:			
Additional Info Ordered:			

71	2 of 2	ENE/232.2	100.9 / 3.73

154 Colonnade Rd S
Nepean ON K0A 1L0

EHS

Order No:	21100700358	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	13-OCT-21	Search Radius (km):	.25
Date Received:	07-OCT-21	X:	-76.0326956
Previous Site Name:		Y:	45.3450625
Lot/Building Size:			
Additional Info Ordered:			

72	1 of 1	WNW/247.5	99.5 / 2.40

461 Donald B Munro Dr.
Ottawa ON

EHS

Order No:	20171018125	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	24-OCT-17	Search Radius (km):	.25
Date Received:	18-OCT-17	X:	-76.037871
Previous Site Name:		Y:	45.344855
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
73	1 of 3	WNW/249.4	97.6 / 0.48	West Carleton Drug Mart 461 Donald B. Munro Dr. Ottawa ON K0A 1L0	GEN

Generator No: ON2257809
SIC Code: 446110
SIC Description: Pharmacies and Drug Stores
Approval Years: 04,05,06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
73	2 of 3	WNW/249.4	97.6 / 0.48	6843409 canada inc 461 Donald B Munro dr carp ON KOA1LO	GEN

Generator No: ON4915770
SIC Code: 446110
SIC Description: Pharmacies and Drug Stores
Approval Years: 07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
73	3 of 3	WNW/249.4	97.6 / 0.48	The Beer Store 461 Donald B. Munro Dr. Ottawa ON K0A 1L0	SPL

Ref No: 6855-8DFN7D
Site No:
Incident Dt: 1/25/2011
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/25/2011
Dt Document Closed: 2/22/2011

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Transport Truck
Agency Involved:
Nearest Watercourse:
Site Address: 461 Donald B. Munro Dr.
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills

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

Incident Reason: Error- Operator error
Source Type:
Site Name: Carp Plaza<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: The Beer Store: 50 L diesel fuel contained on asphalt
Contaminant Qty: 50 L

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74 | **1 of 1** | **WNW/249.5** | **97.6 / 0.48** | **MARWAN KASSIS, MILANO PIZZA**
461 DONALD B. MUNRO DR., CARP
WEST CARLETON TWP. ON | **CA**

Certificate #: 8-4012-96-
Application Year: 96
Issue Date: 1/23/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST HOOD
Contaminants: Odour/Fumes
Emission Control:

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75 | **1 of 1** | **SE/249.5** | **90.9 / -6.27** | **Unknown<UNOFFICIAL>**
3673 Carp Rd.
Ottawa ON K0A 1L0 | **SPL**

Ref No:	3072-BYSLJA	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2021/03/01	**Health/Env Conseq:**	0 - No Impact
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other
Incident Event:	Dumping	**Agency Involved:**	
Contaminant Code:	44	**Nearest Watercourse:**	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	**Site Address:**	3673 Carp Rd.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:	n/a	**Site Postal Code:**	K0A 1L0
Contaminant UN No 1:	n/a	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Source Water Zone	**Northing:**	5021429.06
MOE Response:	No	**Easting:**	419114.91
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2021/03/04	**Site Map Datum:**	
Dt Document Closed:	2021/03/15	**SAC Action Class:**	Land Spills
Incident Reason:	Intentional Discharge	**Source Type:**	Container/Drum/Tote

Site Name: Road Site Ditch<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: City of Ottawa: Dumping of sewage to ditch
Contaminant Qty: 0 other - see incident description

Unplottable Summary

Total: 33 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	
CA	Clean Water Works Inc.		Ottawa ON	
CA	Clean Water Works Inc.		Ottawa ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher	Ottawa ON	
CA	RLD Industries Ltd.	Lot 17, Concession 3, Part 2 of RP# 5R-10167	Ottawa ON	
CA	Clean Water Works Inc.		Ottawa ON	
CA	Clean Water Works Inc.		Ottawa ON	
CA	D & H Rivington Enterprises Inc.	Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o	Ottawa ON	
CA	Clean Water Works Inc.	Mobile Unit	Ottawa ON	
CA	WEST CARLETON TOWNSHIP	RR#5 (CARP RD.) S-WATER MGT.	WEST CARLETON TWP. ON	
CA	WEST CARLETON TOWNSHIP	DONALD B. MUNRO DR.,CARP VILL.	WEST CARLETON TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	SALISBURY ST. RAW SEW. P.S.	WEST CARLETON TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	SALISBURY ST. SEWAGE FORCEMAIN	WEST CARLETON TWP. ON	
CA	WEST CARLETON TOWNSHIP	R.R.#5(CARP RD.),S-WATER MGT.	WEST CARLETON TWP. ON	
CA	REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	LOT 17, CONC. II, CARP VILL.	WEST CARLETON TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	LOT 17, CONC. 2H, CARP VILL.	WEST CARLETON TWP. ON	
CONV	Colautti Construction Ltd		Ottawa ON	
CONV	Munro & Scullion Contracting		Ottawa ON	

	Inc., and 1421736 Ontario Limited			
EBR	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA	ON	
EBR	RLD Industries Ltd.	Lot 17, Concession 3, Part 2 of RP# 5R-10167 Ottawa Ontario Ottawa	ON	
EBR	Possess the Land Inc.	Lot 17, Concession 2, Geographic Township of Nepean 35 Highbury Park Dr., Ottawa CITY OF OTTAWA	ON	
EBR	J.G. Rivard Limited	Part Lot 17, Concession 2, Block 123 4M-1046, Highbury Park Drive Former City of Nepean CITY OF OTTAWA	ON	
ECA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	K1T 3V7
ECA	Carp Retirement Propeties Inc.	Donald B. Munro Dr	Ottawa ON	K0A 1L0
ECA	Clean Water Works Inc.	Mobile Unit	Ottawa ON	K1B 5L6
GEN	RICHMOND TECHNICAL SERVICES	WEST CARLETON MEDICAL CENTRE LOT 18, CONCESSION 2	CARP ON	K0A 1L0
GEN	DAVE'S TRUCK & AUTO PARTS LIMITED	DONALD B. MUNRO DR., CONC. 3, PTLTS 18, 19, PLAN 218, PTLTS 93, 146	CARP ON	K0A 1L0
PRT	UNITED CO-OP OF ONTARIO	RIVINGTON ST	CARP ON	
SPL		Lot 18, concession 3	Ottawa ON	
SPL	Clean Water Works Inc.		Ottawa ON	
SPL	UNKNOWN	VILLAGE OF CARP CARP ROAD	WEST CARLETON TOWNSHIP ON	
SPL	TRANSPORT TRUCK	CARP RD. TRANSPORT TRUCK (CARGO)	WEST CARLETON TOWNSHIP ON	
SPL	ONTARIO HYDRO	LOT 17, CONCESSION III TORBOLTON TOWNSHIP TRANSFORMER	WEST CARLETON TOWNSHIP ON	

Unplottable Report

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #: 2617-7QQKQB
Application Year: 2009
Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Clean Water Works Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3664-6GGPRM
Application Year: 2006
Issue Date: 1/20/2006
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Clean Water Works Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3664-6GGPRM
Application Year: 2005
Issue Date: 10/3/2005
Approval Type: Waste Management Systems
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Jaw Crusher Ottawa ON

Database: ***CA***

Certificate #: 5388-7QPQL2
Application Year: 2009

Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***RLD Industries Ltd.***
Lot 17, Concession 3, Part 2 of RP# 5R-10167 Ottawa ON

Database: ***CA***

Certificate #: 6378-5HTHJU
Application Year: 2003
Issue Date: 1/15/2003
Approval Type: Air
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Clean Water Works Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6489-6GTPNX
Application Year: 2005
Issue Date: 10/5/2005
Approval Type: Waste Management Systems
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Clean Water Works Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6489-6GTPNX
Application Year: 2006
Issue Date: 3/3/2006
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***D & H Rivington Enterprises Inc.***
Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o Ottawa ON

Database: ***CA***

Certificate #: 9743-6HTRXS
Application Year: 2005
Issue Date: 11/7/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Clean Water Works Inc.***
Mobile Unit Ottawa ON

Database: ***CA***

Certificate #: 9392-8HTPQD
Application Year: 2011
Issue Date: 10/25/2011
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***WEST CARLETON TOWNSHIP***
RR#5 (CARP RD.) S-WATER MGT. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 3-0439-93-
Application Year: 93
Issue Date: 6/1/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***WEST CARLETON TOWNSHIP***
DONALD B. MUNRO DR.,CARP VILL. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 3-0248-94-
Application Year: 94
Issue Date: 4/18/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
SALISBURY ST. RAW SEW. P.S. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 3-0079-94-
Application Year: 94
Issue Date: 2/8/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
SALISBURY ST. SEWAGE FORCEMAIN WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 3-0066-94-
Application Year: 94
Issue Date: 2/1/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***WEST CARLETON TOWNSHIP***
R.R.#5(CARP RD.),S-WATER MGT. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 3-0439-93-
Application Year: 93
Issue Date: 7/5/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REGIONAL MUNICIPALITY OF OTTAWA-CARLETON***
LOT 17, CONC. II, CARP VILL. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 8-4117-91-
Application Year: 91
Issue Date: 6/5/1992
Approval Type: Industrial air
Status: Cancelled
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: DIESEL GENERATOR FOR SAN. PUMP STATION
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
LOT 17, CONC. 2H, CARP VILL. WEST CARLETON TWP. ON

Database: ***CA***

Certificate #: 8-4145-93-
Application Year: 93
Issue Date: 2/10/1994
Approval Type: Industrial air
Status: Approved in 1994
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: DIESEL GEN-SET FOR WATER RES./PUMP STA.
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: ***Colautti Construction Ltd***
Ottawa ON

Database: ***CONV***

File No: 108583
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:
Description: The City of Ottawa and its contractor were fined $120,000 for failing to comply with a permit to take water and discharging sediment into Stillwater Creek, a tributary of the Ottawa River. 'Polluters should be aware that the ministry's Investigations and Enforcement Branch will vigorously pursue charges when our environmental laws are broken', said Environment Minister Jim Bradley. In 2010, the city awarded a contract for a water main installation along several streets in Ottawa to Colautti Construction Ltd. ' a local company that specializes in the construction of sewer and water lines. For dewatering required by construction, a permit to take water was issued to the City that required a number of conditions including turbidity testing. Following reports in August 2010 of possible impairments to Stillwater Creek as a result of drilling work, a ministry investigation found the company was responsible for a discharge of sediment into Stillwater Creek. Although there was no evidence of any actual impact to fish in Stillwater Creek as a result of the sediment discharge on that day, sediment discharges can adversely affect fish and benthic organisms. The City was also found to have not been conducting the required turbidity testing. The City of Ottawa and Colautti Construction Ltd. were fined a total of $120,000 plus victim fine surcharges of $30,000 and were given sixty days to pay the fines.
Background:
URL:

Additional Details

Publication Date:
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence:
Date of Conviction:

Date Charged: May 31, 2013
Charge Disposition: fine, victim fine surcharge
Fine: $120,000
Synopsis:

Additional Details

Publication Date:
Count:
Act: Pesticides Act
Regulation:
Section:
Act/Regulation/Section: Pesticides Act
Date of Offence:
Date of Conviction:
Date Charged: March 10, 2014
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***Munro & Scullion Contracting Inc., and 1421736 Ontario Limited***
Ottawa ON

Database: ***CONV***

File No: 080802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: Eleven companies and three individuals pleaded guilty to violations under the Environmental Protection Act (EPA). In May 2005, members of the Ministry of the Environment's Investigation and Enforcement Branch partnered with the Ontario Provincial Police and the Ministry of Transportation in a joint inspection initiative to ensure contaminated soil waste haulers are in compliance with the EPA. The waste haulers were inspected to determine if they are approved to haul contaminated solid non-hazardous waste and if they were operating in accordance with the conditions of a Certificate of Approval. The court heard that, on May 24, 2005 and May 25, 2005, the defendants were observed to be hauling contaminated solid non-hazardous waste and soil to two landfill sites located in the Ottawa region. Upon inspection, it was revealed that the vehicles transporting the waste were either not authorized to do so or the vehicles were not clearly marked with the name and number of its Certificates of Approval and in other instances, the Certificates of Approval were not present in the vehicles as required. Following a two-day inspection, 11 companies and three individuals were charged for violations under the EPA. Between June 16 and July 14, 2005, the companies and individuals pleaded guilty to the following charges under the EPA: ' Munro & Scullion Contracting Inc., and 1421736 Ontario Limited pleaded guilty to one count of operating or establishing a waste management system without a Certificate of Approval or provisional Certificate of Approval contrary to Section 27(1)(a) and were fined $1,000 each; ' Gestion des Dechets Malex Inc. /Malex Waste Systems Inc., Carl's Sanitation Services Ltd., Mackat Inc., Ray's Haulage Incorporated, 927889 Ontario Inc., all pleaded guilty to one count each for failing to mark the vehicles with the name and number of the Certificates of Approval contrary to Section 10 of Regulation 347 under the EPA. They were fined $500 each; Kimco Steel Sales Ltd. also pleaded guilty to two counts under this section and received a total of $1,000 in fines; ' Peter Alfred Stanley, Jean Claude Levesque and Timothy Stephen Dell pleaded guilty to one count each under Section 10 of Regulation 347. Each individual received a $500 fine. ' 144778 Canada Inc., Services Matrec Inc., and Losey's Haulage Ltd. also pleaded guilty to one count each for violating Certificate of Approval conditions contrary to Section 186(3) of the act. The companies each received a $500 fine. Victim Fine Surcharges are exclusive of the fines.

Background:
URL:

Additional Details

Publication Date:
Count: 2
Act: EPA
Regulation:
Section: 27(1)(a)

Act/Regulation/Section: EPA- -27(1)(a)
Date of Offence:
Date of Conviction:
Date Charged: 7/14/2005
Charge Disposition: Fine
Fine: $2,000
Synopsis:

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-5817
Ministry Ref No: 7932-A22HN3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 01, 2018
Proposal Date: January 31, 2018
Year: 2018
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Off Instrument Name:
Posted By:
Company Name: Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2562 Delzotto avenue Ottawa Ontario Canada K2J 6K7
Comment Period:
URL:

Site Location Details:

Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA

Site: ***RLD Industries Ltd.***
Lot 17, Concession 3, Part 2 of RP# 5R-10167 Ottawa Ontario Ottawa ON

Database: ***EBR***

EBR Registry No: IA02E0462
Ministry Ref No: 4392-58WLLP
Notice Type: Instrument Decision
Notice Stage:
Notice Date: January 15, 2003
Proposal Date: May 29, 2002
Year: 2002
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: RLD Industries Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 4210 Albion Road, R.R. #5, Gloucester Ontario, K1T 3W2
Comment Period:
URL:

Site Location Details:

Lot 17, Concession 3, Part 2 of RP# 5R-10167 Ottawa Ontario Ottawa

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Site: ***Possess the Land Inc.***
Lot 17, Concession 2, Geographic Township of Nepean 35 Highbury Park Dr., Ottawa CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-4199
Ministry Ref No: MNRF INST 47/15
Notice Type: Instrument Decision
Decision Posted:
Exception Posted:
Section:

Notice Stage:
Notice Date: September 29, 2015
Proposal Date: June 03, 2015
Year: 2015
Act 1:
Act 2:
Site Location Map:
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Possess the Land Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 190 Colonnade Road, Unit 8B, Ottawa Ontario, Canada K2E 7J5
Comment Period:
URL:

Site Location Details:

Lot 17, Concession 2, Geographic Township of Nepean 35 Highbury Park Dr., Ottawa CITY OF OTTAWA

Site: ***J.G. Rivard Limited***
Part Lot 17, Concession 2, Block 123 4M-1046, Highbury Park Drive Former City of Nepean CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 011-8306
Ministry Ref No: MNR INST 9/13
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 04, 2016
Proposal Date: February 15, 2013
Year: 2013
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: J.G. Rivard Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1455 Youville Drive, Unit 216, Ottawa Ontario, Canada K1C 6Z7
Comment Period:
URL:

Site Location Details:

Part Lot 17, Concession 2, Block 123 4M-1046, Highbury Park Drive Former City of Nepean CITY OF OTTAWA

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Facility Ottawa ON K1T 3V7

Database: ***ECA***

Approval No: 2617-7QQKQB
Approval Date: 2009-04-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4433-7AXS7Q-14.pdf
PDF Site Location:

Site: ***Carp Retirement Propeties Inc.***
Donald B. Munro Dr Ottawa ON K0A 1L0

Database: ***ECA***

Approval No: 1547-9NVHVC
Approval Date: 2014-09-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Carp Retirement Propeties Inc.
Address: Donald B. Munro Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3805-9NLPGQ-14.pdf
PDF Site Location:

Site: ***Clean Water Works Inc.***
Mobile Unit Ottawa ON K1B 5L6

Database: ***ECA***

Approval No: 9392-8HTPQD
Approval Date: 2011-10-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Clean Water Works Inc.
Address: Mobile Unit
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3319-8C7KZN-13.pdf
PDF Site Location:

Site: ***RICHMOND TECHNICAL SERVICES***
WEST CARLETON MEDICAL CENTRE LOT 18, CONCESSION 2 CARP ON K0A 1L0

Database: ***GEN***

Generator No: ON0869103
SIC Code: 8682
SIC Description: RADIOLOGICAL LAB.
Approval Years: 99,00,01,02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Site: ***DAVE'S TRUCK & AUTO PARTS LIMITED***
DONALD B. MUNRO DR., CONC. 3, PTLTS 18, 19, PLAN 218, PTLTS 93, 146 CARP ON K0A 1L0

Database: ***GEN***

Generator No: ON0994500
SIC Code: 6342
SIC Description: TIRE, ETC. STORES
Approval Years: 88,89,90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:

Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Site: ***UNITED CO-OP OF ONTARIO***
RIVINGTON ST CARP ON

Database: ***PRT***

Location ID: 2814
Type: retail
Expiry Date: 1991-02-28
Capacity (L): 0
Licence #: 0013037001

Site:
Lot 18, concession 3 Ottawa ON

Database: ***SPL***

Ref No:	8348-7G3Q82	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Transformer
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***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:	6/29/2008	***Site Map Datum:***	
Dt Document Closed:	9/4/2008	***SAC Action Class:***	Land Spills
Incident Reason:	Other - Reason not otherwise defined	***Source Type:***	
Site Name:	6137 Fourth Line Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Hydro One, 3L non-PCB transformer oil to grnd, cln		
Contaminant Qty:	3 L		

Site: ***Clean Water Works Inc.***
Ottawa ON

Database: ***SPL***

Ref No:	6517-B3EKFG	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2018/08/03	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	n/a	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	

MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2018/08/07	***Site Map Datum:***	
Dt Document Closed:	2018/09/04	***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	Motor Vehicle
Site Name:	20 Marie Curie Drive (University of Ottawa)<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa 25L of hydraulic oil to grnd		
Contaminant Qty:	25 L		

Site: ***UNKNOWN***
VILLAGE OF CARP CARP ROAD WEST CARLETON TOWNSHIP ON

Database: ***SPL***

Ref No:	106528	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/18/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20613
Nature of Impact:	Multi Media Pollution	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/18/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDROCARBONS SEEPING FROMGROUND INTO DITCH		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
CARP RD. TRANSPORT TRUCK (CARGO) WEST CARLETON TOWNSHIP ON

Database: ***SPL***

Ref No:	67418	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/26/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20613
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/26/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	LAIDLAW ENVIRONMENTAL: 315 L ANTIFREEZE TO GRND FROM TRANSPORT TRUCK.		

Contaminant Qty:

Site: ***ONTARIO HYDRO***
LOT 17, CONCESSION III TORBOLTON TOWNSHIP TRANSFORMER WEST CARLETON TOWNSHIP ON

Database: ***SPL***

Ref No:	116672	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/2/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20613
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/3/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	STORM/FLOOD/WIND	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ONTARIO HYDRO: 80 L OIL TO GROUND FROM TRANSFORMER
Contaminant Qty:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-May 31, 2022

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Sep 2022

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2022

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Nov 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 - Oct 2022

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- Nov 30, 2022

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Nov 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- Nov 30, 2022

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jul 31, 2022

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment 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-Sep 2022

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Nov 30, 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-Aug 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 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 - Nov 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- Nov 30, 2022

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Nov 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-Nov 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 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- Nov 30, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Jun 30 2022

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

PATERSON GROUP
solution oriented engineering

Nick Sullivan, B.Sc.
Junior Environmental Technical Specialist

Nick joined Paterson Group in September 2018 as part of the Environmental Department. Nick received his Honours Bachelor of Science Degree from McMaster University in 2016, specializing in Earth & Environmental Science. Following graduation, Nick received a post-graduate certificate from Niagara College in 2017, specializing in Environmental Management & Assessment. Since joining Paterson Group in 2018, Nick has worked on numerous residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Southeastern Ontario. His scope of work consists of conducting phase I & II environmental site assessments, field inspections, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, as well as performing designated substance surveys and radon gas assessments.

EDUCATION
Honours Bachelor of Science in Earth & Environmental Science, 2016
McMaster University
Hamilton, ON

Post-Graduate Certificate in Environmental Management & Assessment, 2017
Niagara College
Niagara-on-the-Lake, ON

YEARS OF EXPERIENCE
With Paterson: 4

OFFICE LOCATION
9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS
- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor).
- Residential High-Rise Development: 851 Richmond Road, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- National Capital Business Park: 4055 & 4120 Russell Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Residential High-Rise Development: 125 Hickory Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Low-Rise Residential Development: 101 Pinhey Street, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- High-Rise Residential Development: 2070 Scott Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Mixed-Use Development: 875 Montreal Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Kanata West Business Park, Ottawa, ON (Phase I Environmental Site Assessment)

PROFESSIONAL EXPERIENCE

September 2018 to present, **Junior Environmental Technical Specialist, Paterson Group**, Ottawa, Ontario

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Certified as a C-NRPP Radon Measurement Professional, with experience conducting interior radon gas assessments of residential buildings.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.

PATERSON GROUP

solution oriented engineering

Mark S. D'Arcy, P.Eng., QP$_{ESA}$
Senior Environmental/Geotechnical Engineer

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION
B.A.Sc. 1991, Geological Engineering
Queen's University
Kingston, ON

LICENCE / PROFESSIONAL AFFILIATIONS
Professional Engineers of Ontario

Ottawa Geotechnical Group

ESA Qualified Person with MECP

Consulting Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 31

OFFICE LOCATION
9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS
- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA(Senior Project Manager)
- Riverview Development – Kingston, Ontario, Phase I ESA, Phase II ESA, and filing of an RSC in the MOECC Environmental Site Registry (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavagine (Senior Project Manager)
- Energy Services Acquisition Program–Modernization Project- Ottawa; Environmental Services (Senior Project Manager)

PROFESSIONAL EXPERIENCE

May 2001 to present, **Manager of Environmental Division, Paterson Group**, Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, **Geotechnical and Environmental Engineer, Paterson Group**, Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.