

Phase I – Environmental Site Assessment

3725 Carp Road
Ottawa, Ontario

Prepared for Karson Konstruktion

Report: PE2001-2R
January 19, 2024

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Karson Konstruktion 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 Konstruktion, 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 was received on January 19, 2024, which has been included in Appendix 2. The results identify several records indicating the presence of a former on-site private fuel outlet and fuel storage tanks.

Other records pertain to several commercial businesses formerly present to the north along Carp Road and Donald B. Munro Drive, though due to their distances, these are not considered to pose an environmental concern to the Phase I Property.

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 F₁-F₄). 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 F₁-F₄, 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 F₁-F₄, 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	<i>“Item 30: Importation of Fill Material of Unknown Quality”</i>	On-Site	Metals PAHs	Soil
APEC #2 Fill Material of Unknown Quality	Southern Portion of Phase I Property	<i>“Item 30: Importation of Fill Material of Unknown Quality”</i>	On-Site	Metals PAHs	Soil
APEC #3 Former AST Refueling Area	Central Portion of Phase I Property	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	On-Site	BTEX PHCs F ₁ -F ₄	Soil and Groundwater
APEC #4 Former Heating Oil UST	Northwestern Portion of Phase I Property	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	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	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	On-Site	BTEX PHCs F ₁ -F ₄	Soil and Groundwater
APEC #6 Former Service Garage	Northwestern Portion of Phase I Property	<i>“Item 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems”</i>	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	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	On-Site	BTEX PHCs F ₁ -F ₄ Metals	Soil and Groundwater
APEC #8 Former Waste Oil AST	Northwestern Portion of Phase I Property	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	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	<i>“Item 28: Gasoline and Associated Products Storage in Fixed Tanks”</i>	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	<i>“Item 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems”</i>	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 F₁-F₄);
- 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 F₁-F₄);
- ❑ 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 Konstruktion 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 Konstruktion. Permission and notification from Karson Konstruktion 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., QPESA



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

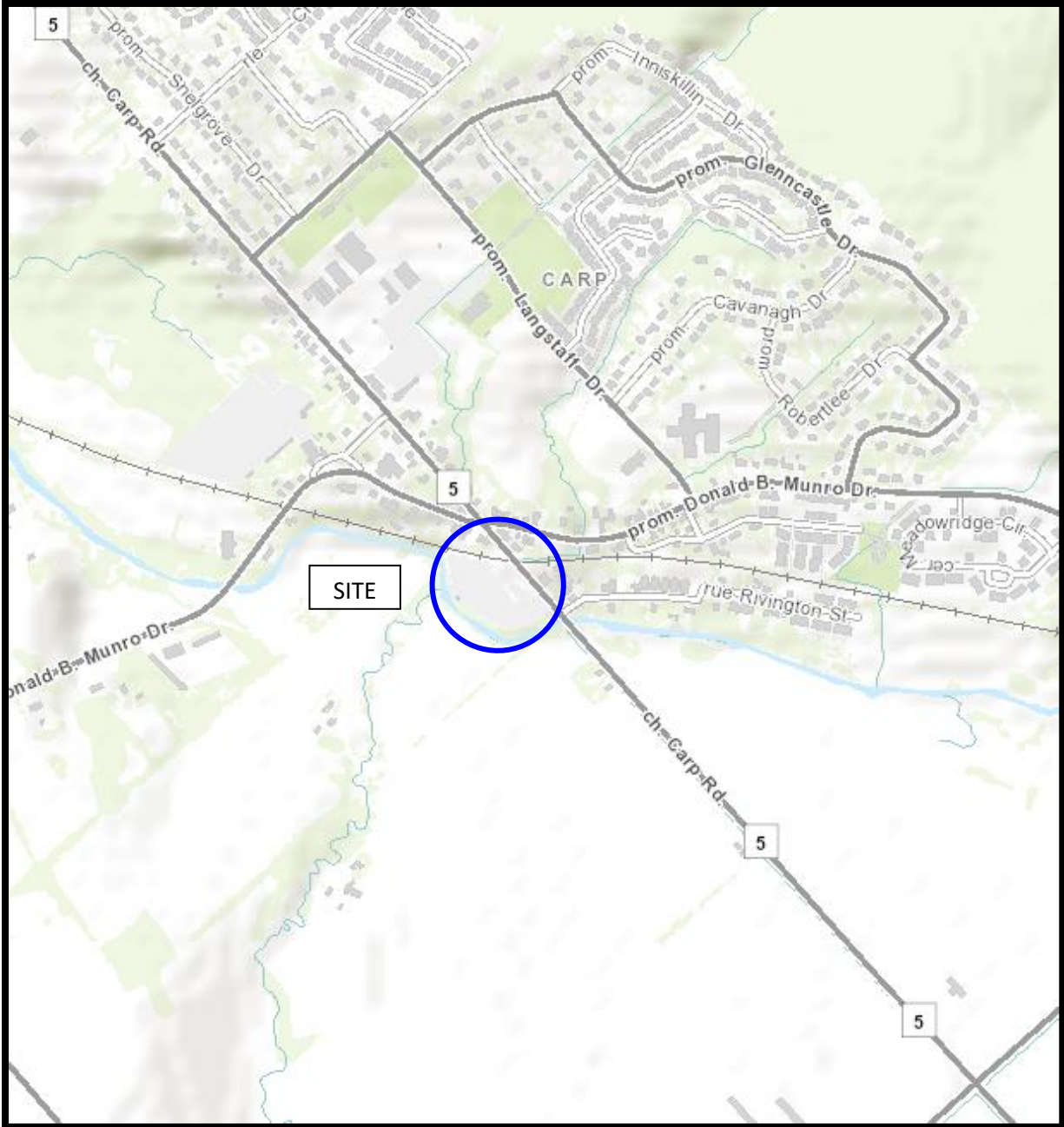


FIGURE 1
KEY PLAN

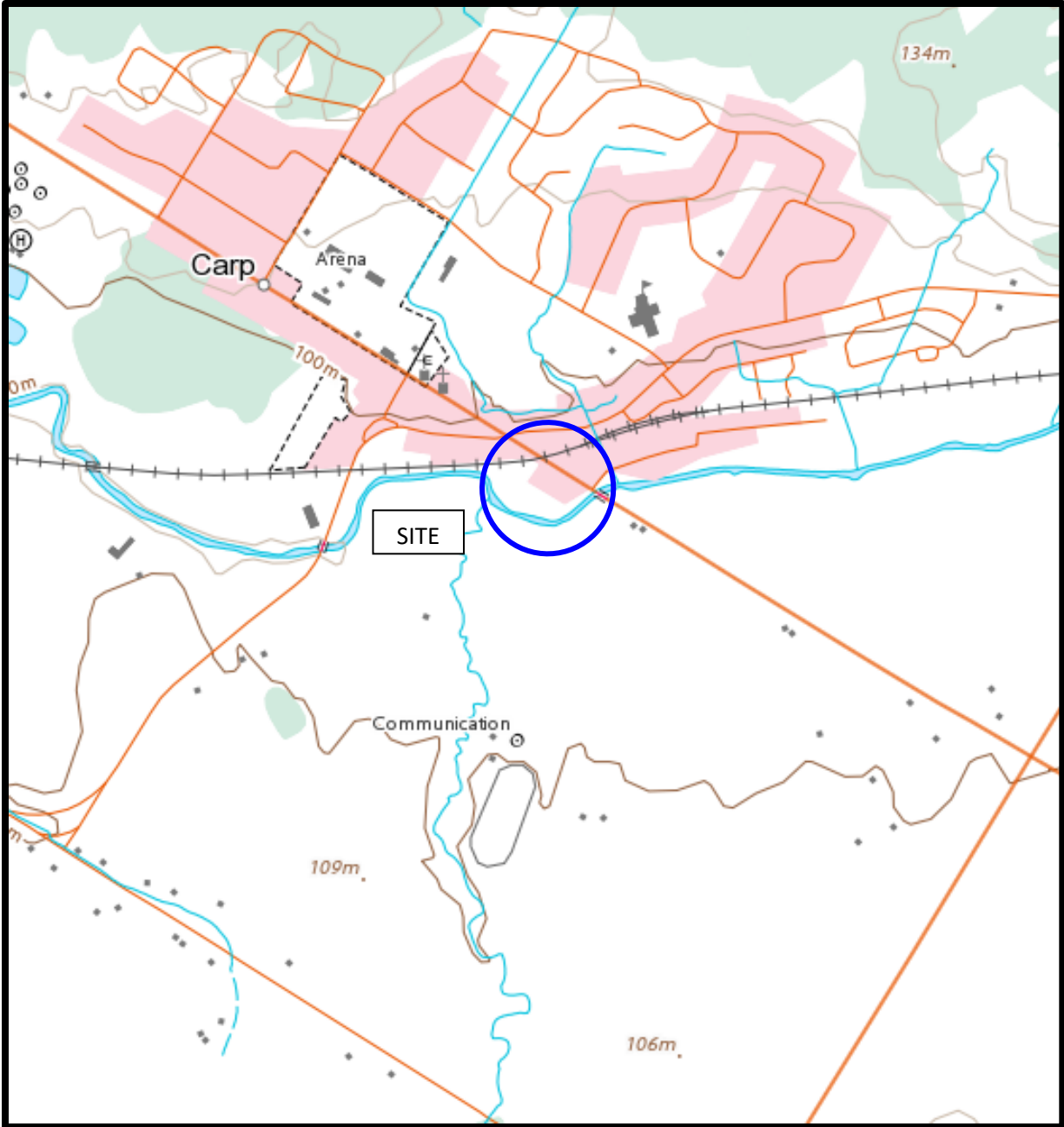
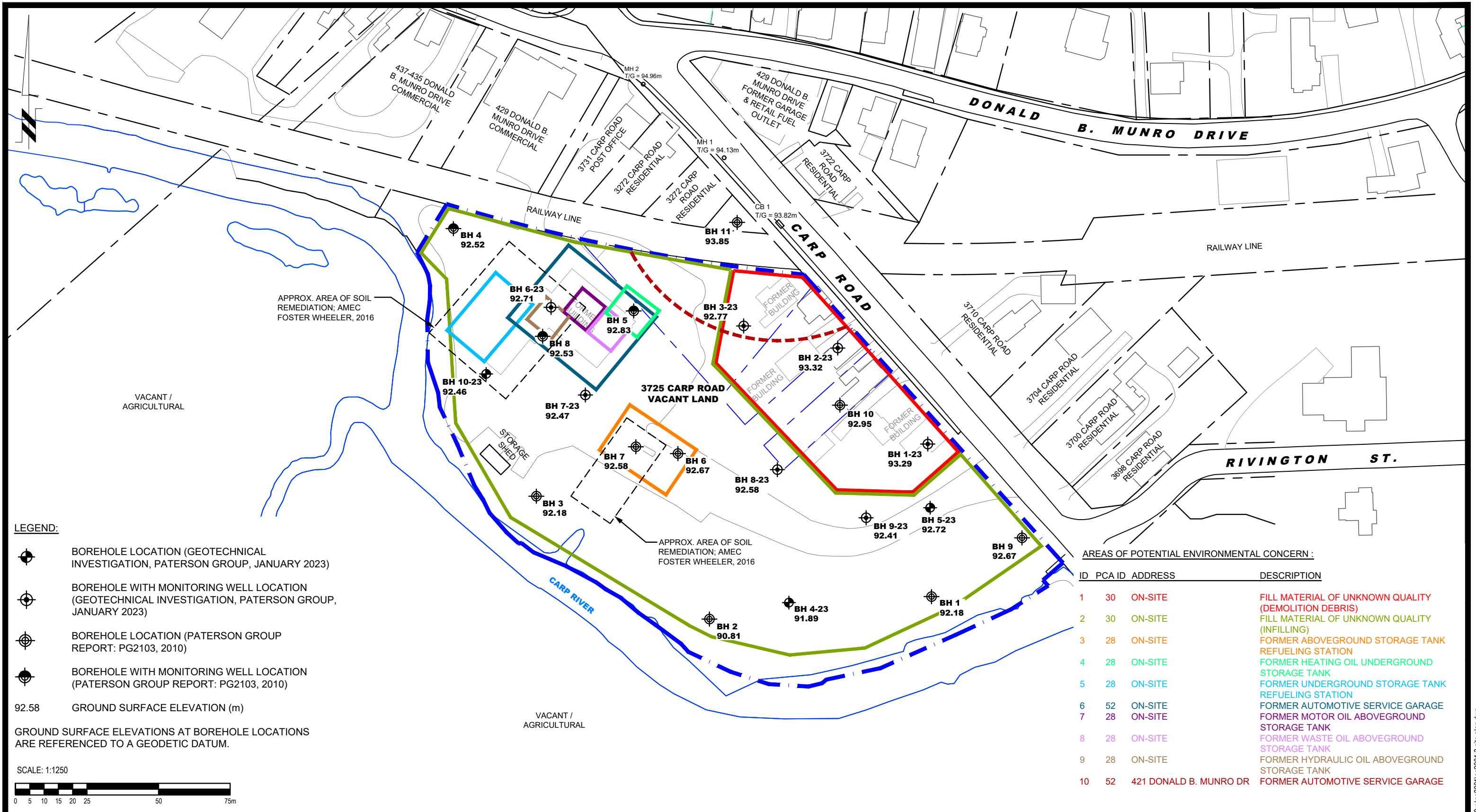


FIGURE 2
TOPOGRAPHIC MAP



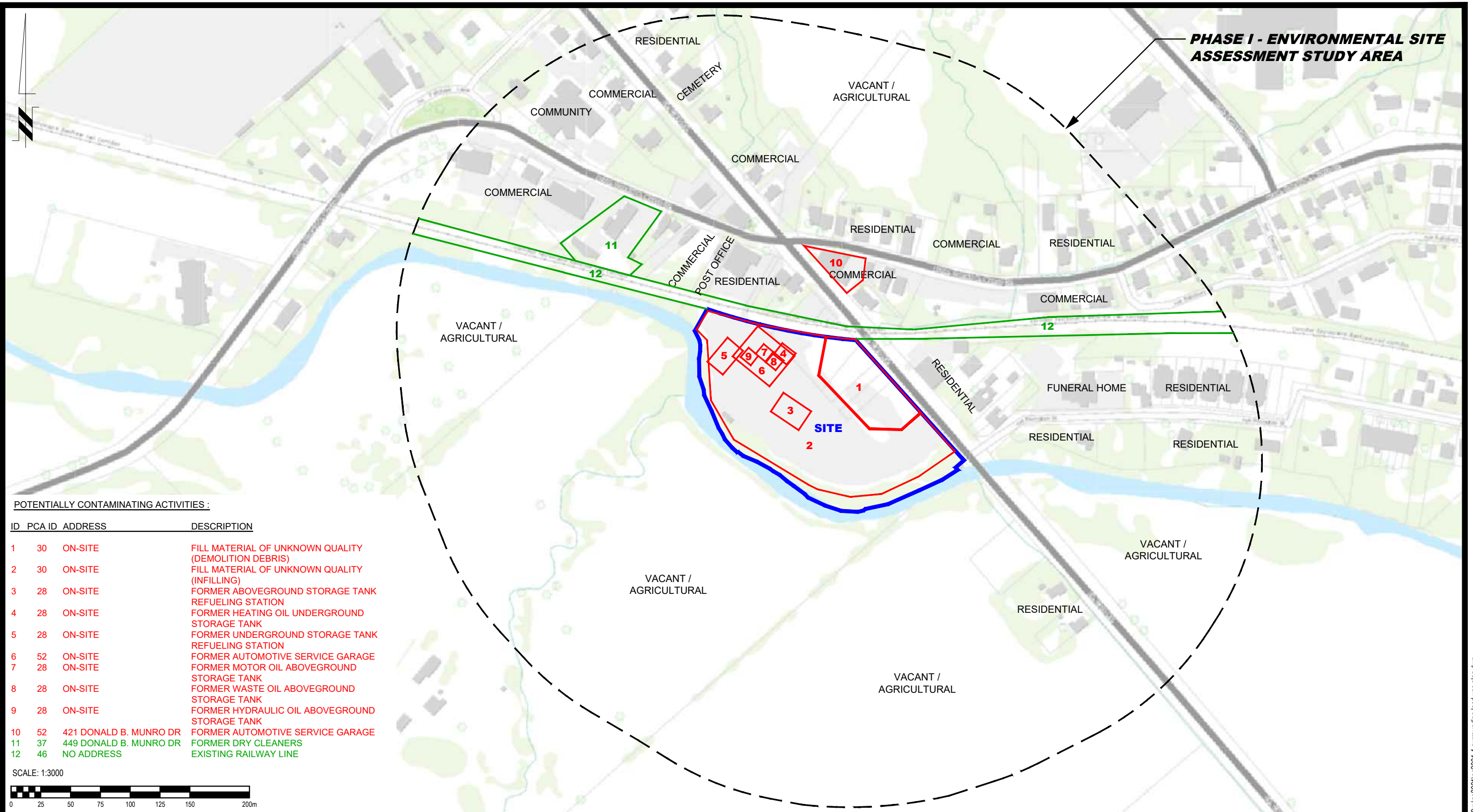
NO.	REVISIONS	DATE	INITIAL


KARSON KONSTRUCTION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
3725 CARP ROAD

OTTAWA, ONTARIO

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.:	

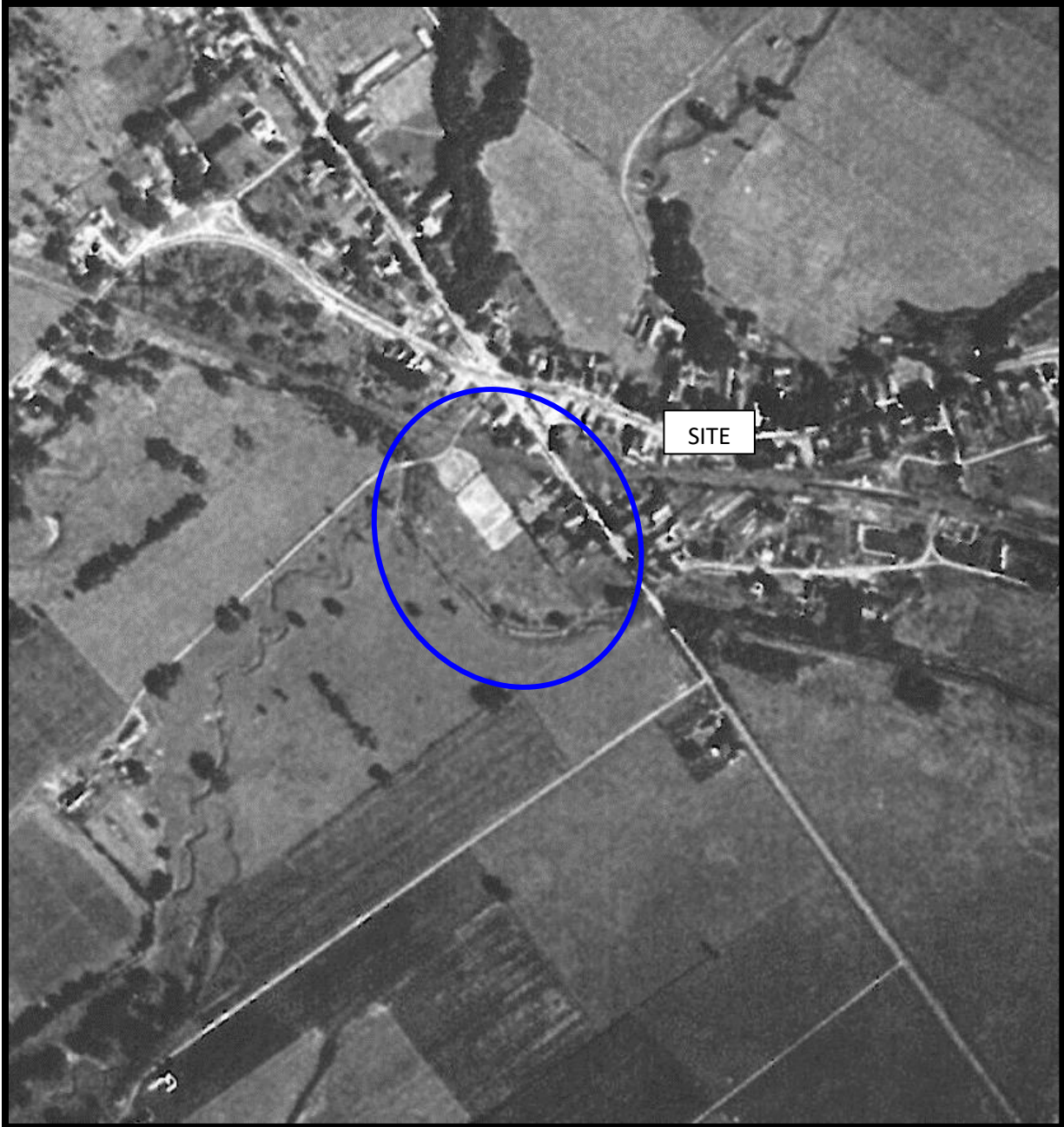


 <p>9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381</p>				KARSON KONSTRUCTION PHASE I - ENVIRONMENTAL SITE ASSESSMENT 3725 CARP ROAD		Scale: 1:3000	Date: 02/2023
	OTTAWA, ONTARIO Title:		SURROUNDING LAND USE PLAN		Drawn by: YA	Report No.: PE2001-2	
				Checked by: NS	Dwg. No.: PE2001-4		
				Approved by: MSD	Revision No.:		
NO.	REVISIONS	DATE	INITIAL				

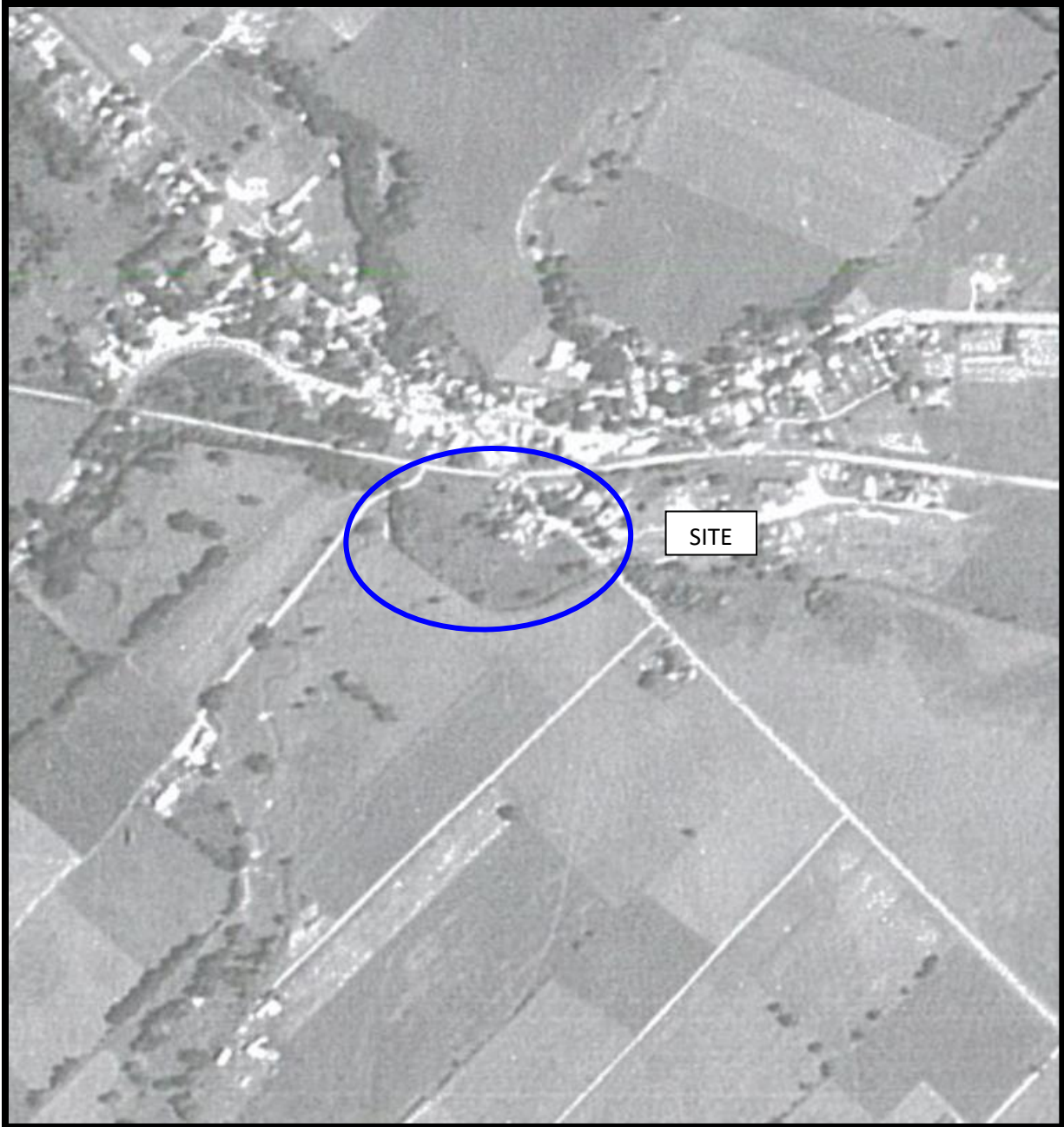
APPENDIX 1

AERIAL PHOTOGRAPHS

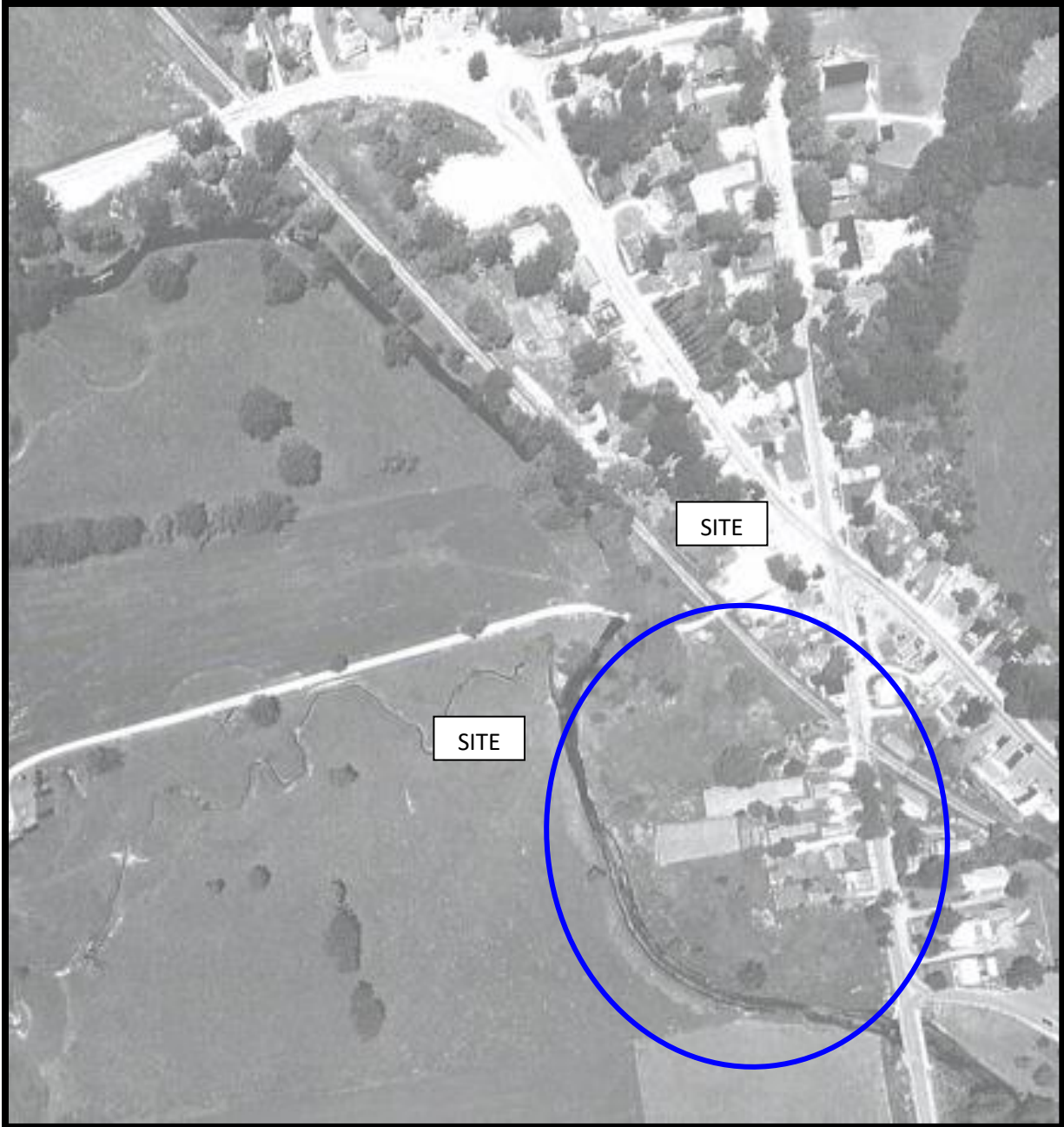
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1946



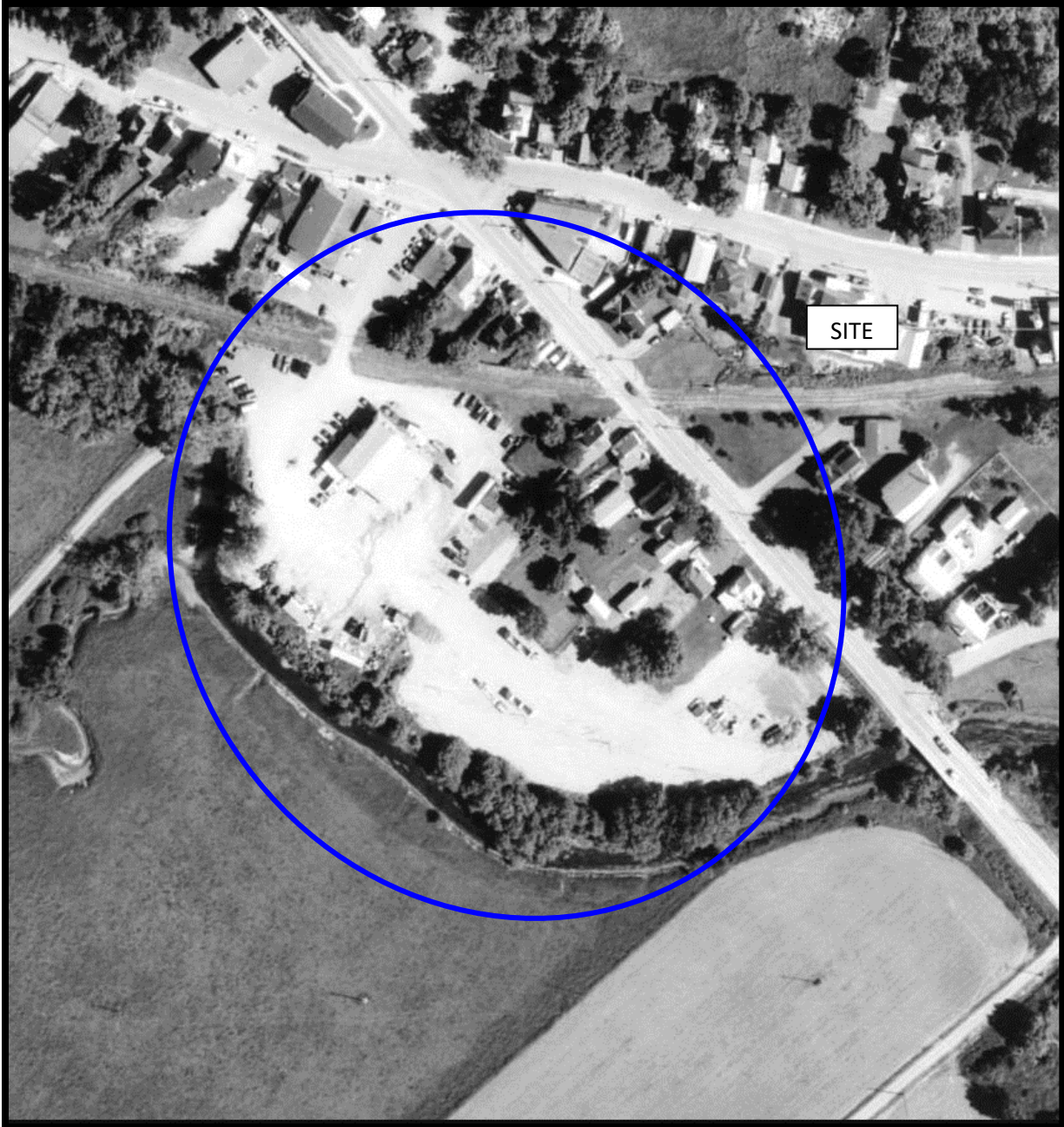
AERIAL PHOTOGRAPH
1955



AERIAL PHOTOGRAPH
1967



AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2021

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 RESULTS

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS DATABASE REPORT

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

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40 St. Clair Avenue West
Toronto ON M4V 1M2
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Tél. : (416) 314-4075



February 28, 2023

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
nsullivan@patersongroup.ca

Dear Nick Sullivan:

RE: MECP FOI A-2023-00557, Your Reference #: PE2001 – Extension Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 3725 Carp Road, Ottawa.

Please be assured that we are making every attempt to respond to your request as soon as possible. However, we wish to advise you that we have extended the time for a response in accordance with subsection 27(1)(a) of the Act for an additional 60 days to May 1, 2023.

The reason for the extension is that the request necessitates a search through a large number of records, approximately 812 pages, and meeting the time limit would unreasonably interfere with the operations of the institution. If you would like to reduce this extension by narrowing the scope of your request, please contact our office.

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

If you have any questions, please contact Tolani Abraham at Tolani.Abraham2@ontario.ca.

Yours truly,

Ryan Gunn
Manager (A), Access and Privacy Office

**Ministry of the Environment,
Conservation and Parks**

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40 St. Clair Avenue West
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Tél. : (416) 314-4075



March 15, 2023

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
nsullivan@patersongroup.ca

Dear Nick Sullivan:

**RE: MECP FOI A-2023-00557, Your Reference #: PE2001 – Extension Letter
Third Party**

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 3725 Carp Road, Ottawa.

After a detailed review of the records, disclosure of the records may affect the interests of a third party.

In accordance with Section 28 of the Act, the affected party is being given an opportunity to make representations concerning disclosure of the information. A decision on whether the information will be disclosed will be made by May 1, 2023.

If you have any questions, please contact Mai Tang at 437-996-8412 or Mai.Tang@ontario.ca.

Yours truly,

maitang
for

Ryan Gunn
Manager (A), Access and Privacy Office

**Ministry of the Environment,
Conservation and Parks**

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Tél. : (416) 314-4075



April 5, 2023

Nick Sullivan
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
nsullivan@patersongroup.ca

Dear Nick Sullivan:

RE: MECP FOI A-2023-00557, Your Reference #: PE2001 – Decision Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 3725 Carp Road, Ottawa.

After a thorough search through the files of the ministry's Ottawa District/Area Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB) and Safe Drinking Water Branch (SDW), records were located in response to your request. The final decision has been made to provide partial access to the requested information.

Some of the information has been withheld under section 22 of the Act:

s.22(a) Records that are publicly available as follows:

- For corporate ownership (ONBIS records, Articles of Incorporation, Articles of Amendment) download forms ON00242E and 5310E to search for a public record available from Service Ontario at <https://www.ontario.ca/page/ontario-business-registry-all-services#section-0>. Go to "33. Searching the Public Record" to locate the forms.

Records or information that are not relevant to the request (e.g., records that are blank, outside of the date range or do not relate directly to the subject matter) have been removed and marked "Not Responsive" or 'N/R'.

Duplicate records have also been removed and marked as "Duplicate".

As noted in my letter of March 15, 2023, the responsive records contain information relating to a third party under section 17 and/or 21 of the Act. In accordance with subsection 28(8) of the Act, the affected third party has a right to appeal this decision

to the Information and Privacy Commissioner. During this 30-day period the records will not be disclosed. If the third parties do not appeal this access decision, a copy of the records will be released to you after May 5, 2023. Please note: the IPC has been requesting two to three weeks additional time to confirm that no appeal regarding access has been received by the third party.

Thank you for paying the initial \$30 for 1 hour of search time on January 31, 2023.

Section 57 of the Act authorizes certain fees to be charged for processing a request. Our charges for processing this request are:

Search Time 2.58 hours @ \$30/hour	\$77.50
o Time taken to locate and retrieve records	
Preparation Time 0.65 hour @ \$30/hour	\$ 19.50
o Time taken to scan hardcopy records (1,200 pages/hour)	
Initial payment (excluding the \$5 application fee)	- \$30.00
<hr/> Total	<hr/> \$ 67.00

In order to receive a copy of the records please forward this amount to our office. Payment(s) may be made by **May 5, 2023**. If payment has not been received by this date, the file will be closed and you will be required to submit a new request.

The ministry's District Office has advised that there may be inactive records in the Records Centre, Mississauga. If you would like us to retrieve these files, please submit a separate request quoting this file number. The \$5 application fee will be applied towards any costs incurred with the retrieval of the records from the Records Centre. Please note there is no guarantee that any records will be located responsive to your request.

If you would like us to retrieve these files, please submit a separate request quoting this file number. The \$5 application fee will be applied towards any costs incurred with the retrieval of the records from the Records Centre.

Payment(s) may be made by one of the following options:

- Pay online through the [Freedom of Information Request for Property Information Form https://forms.mgcs.gov.on.ca/en/dataset/012-2146](https://forms.mgcs.gov.on.ca/en/dataset/012-2146). Both the pdf download or "HTML" versions provide access to the payment option.
- Mail money order or cheque made payable to the "Minister of Finance (FOI)" or provide credit card information through the mail-in version of the form mentioned above.

Please **do not** mail cash or send your payment information via email.

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

appeal.

If you have any questions, please contact Mai Tang at 437-996-8412 or Mai.Tang@ontario.ca.

Yours truly,

maitang
for

Ryan Gunn
Manager (A), Access and Privacy Office

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 Carleton Place Township, Village, Town or City Huntley
In Village, Town or City Indian St
Address Carpenter
Date completed June 17 1957
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) 75'
Type of screen Homemade
Length of screen 4'
Static level 40'
Pumping rate 500 G.P.H.
Pumping level 40'
Duration of test 1/2 H.R.

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

75

75

35

fresh

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

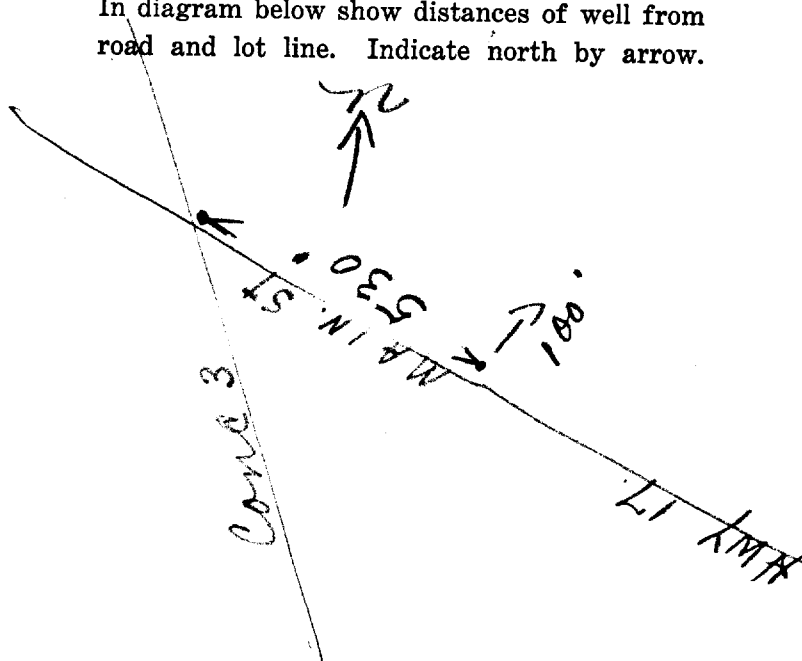
I certify that the foregoing statements of fact are true.

Date Oct 22 1957 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.



UTM 18 Z 418880 E
5 R 5021540 N
 Elev. 4 R 0320
 Basin 25



RECEIVED
 DEC 23 1954
 GEOLOGICAL BRANCH
 DEPARTMENT OF MINES

No. 3075

The Water-well Drillers Act, 1954
 Department of Mines

Water-Well Record

County or Territorial District Caledon Township, Village, Town or City Huntley
 Village, Town or City Carp
 Address Carp Ont

(day) 9 (month) 9 (year) 1954
Pipe and Casing Record

Pumping Test

Casing diameter (s) 3 in Static level 28
 Length (s) 121 ft Pumping rate 300 gal per hr
 Type of screen Pumping level 40 ft
 Length of screen Duration of test 2 hrs

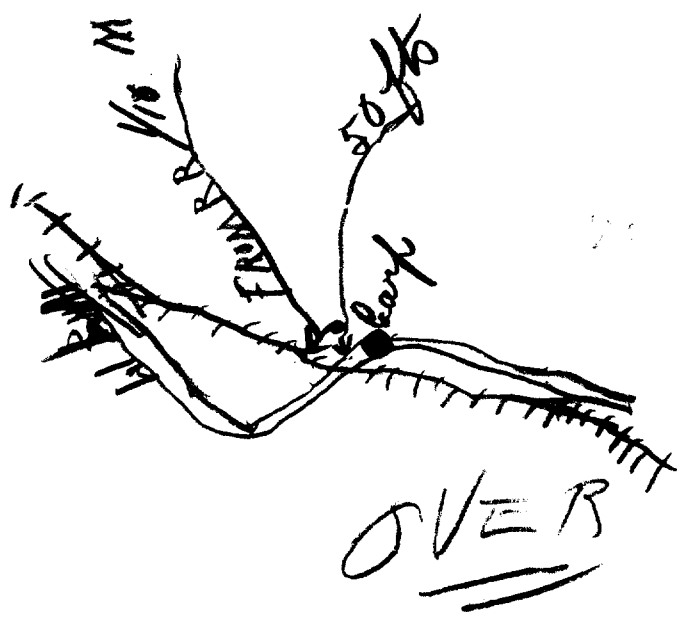
Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Sand</u>	<u>0</u>	<u>80</u>	<u>184</u>	<u>156</u>	<u>Fresh</u>
<u>Gravel</u>	<u>80</u>	<u>120</u>			
<u>Gray Limestone</u>	<u>120</u>	<u>124</u>			

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 J B Despres
 Address 1826 Carling Ottawa
 Name of Driller J Corbett
 Address 665 Highmore
 Licence Number 395
 I certify that the foregoing statements of fact are true.
 Date Dec 9/54 J Corbett
 Signature of Licensee

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



WAM

10

UTM 18Z 418820E

5R 5021560N



ONTARIO

Elev. 4R 9360 CON 7

Basin 358

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] in Village, Town or City Carleton Place
Address Carleton Place
(day) (month) (year)

Pipe and Casing Record

Pumping Test

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

Static level 25'
Pumping rate 500 G.P.H.
Pumping level 25'
Duration of test 1/2 hr

Well Log

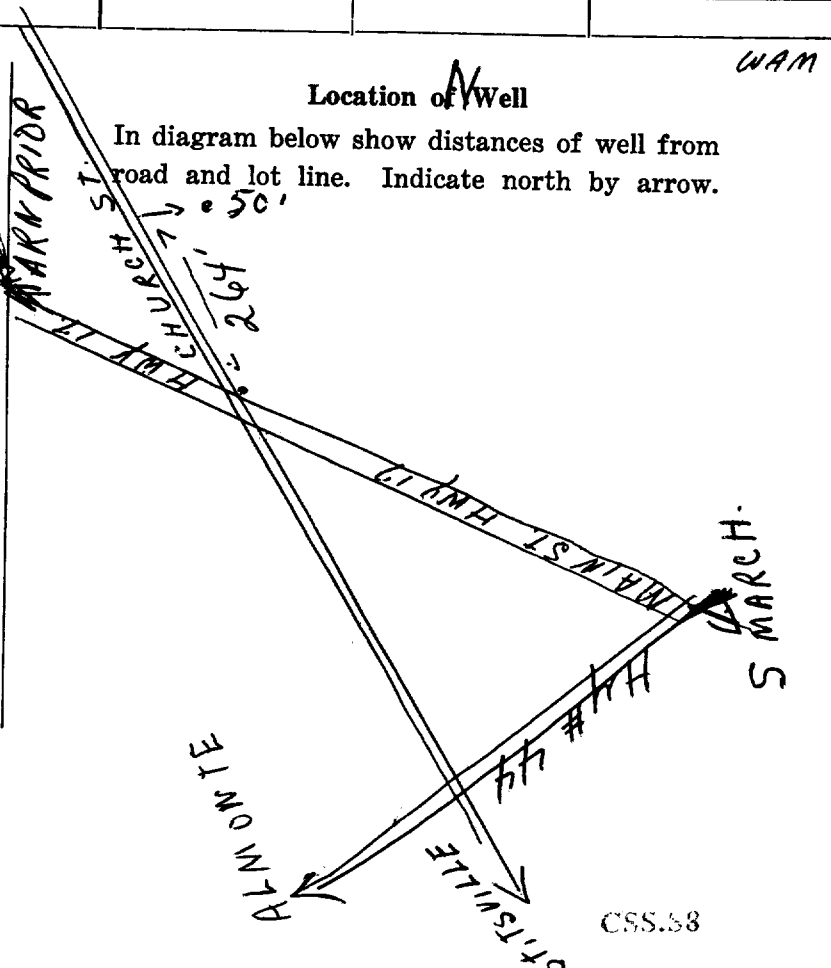
Water Record

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

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 Edgewood 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



UTM 18Z 418960E

5R 51021420N

Elev. 187 0310

Basin 25



15 No

3080

NOV 2 1959

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Kantley
 Con. 2 Lot 18 Date completed 19 Oct 59
 (day) (month) (year)
 Address Cap

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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>loam</u>	<u>0</u>	<u>6'</u>			
<u>Blue clay</u>	<u>6</u>	<u>60'</u>			
<u>quicksand</u>	<u>60'</u>	<u>102'</u>			
<u>Gravel</u>	<u>102</u>	<u>108</u>	<u>108'</u>	<u>91'</u>	<u>fresh</u>

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

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

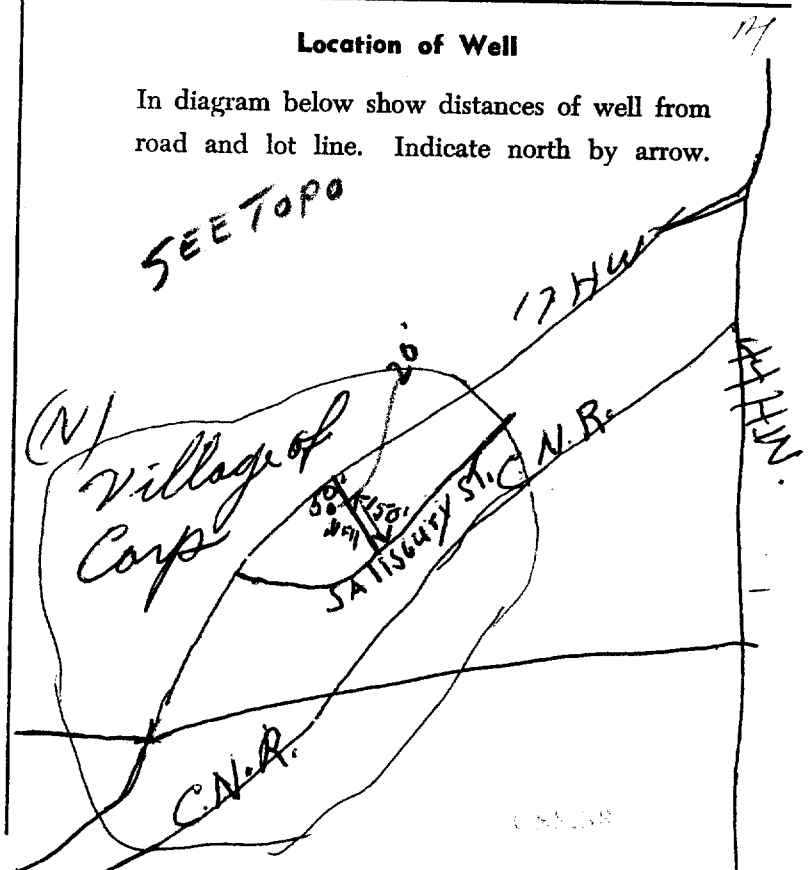
Drilling Firm D. O. Mac Hardy
Kimburn

Licence Number 270
Name of Driller Douglas Mac Hardy
Kimburn

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.



UTM 18Z 418880E

5R 57021400N

Elev. 19R 18310

Basin 25



GROUND WATER BRANCH
JAN 3 1960
ONTARIO WATER RESOURCES COMMISSION

15 No

C
3081

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton

Township, Village, Town or City HUNTLEY

Con. 2 Lot 18

Date completed Nov 16/59
(day month year)

Address Carp

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'

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>Sand</u>	<u>0</u>	<u>80</u>			
<u>Gravel Boulder</u>	<u>80</u>	<u>82</u>	<u>52</u>	<u>68</u>	<u>Clear FRESH</u>

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. Desjardins Co. Ltd.

Address 1014 Dufferin Ave Ottawa

Licence Number 152

Name of Driller B. Desjardins

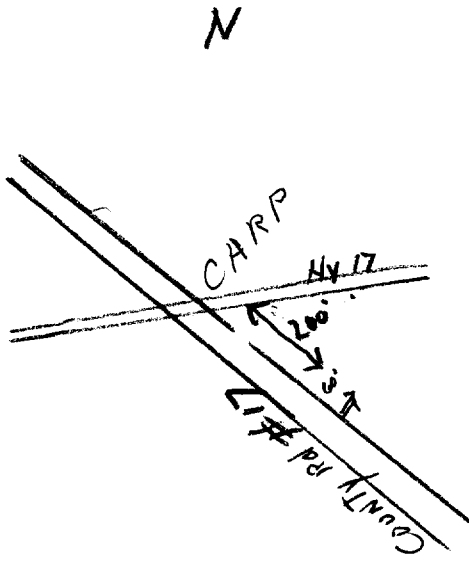
Address Ottawa

Date Oct 20/59

J.B. Desjardins
(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 ²⁴¹ 18 Z 4 18 9 4 0 E
 25 R 50 2 1 4 4 0 N
 Elev. 4 R 03 1 0
 Basin 2 5



GROUNDWATER BRANCH 082
 APR 6 1960
 ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carlton Township, Village, Town or City Huntley
 Con 2 Lot 18 Date completed March 17/60
 (day month year)
 Address Carip

Casing and Screen Record

Inside diameter of casing 6"
 Total length of casing 82'
 Type of screen NONE
 Length of screen NONE
 Depth to top of screen NONE
 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

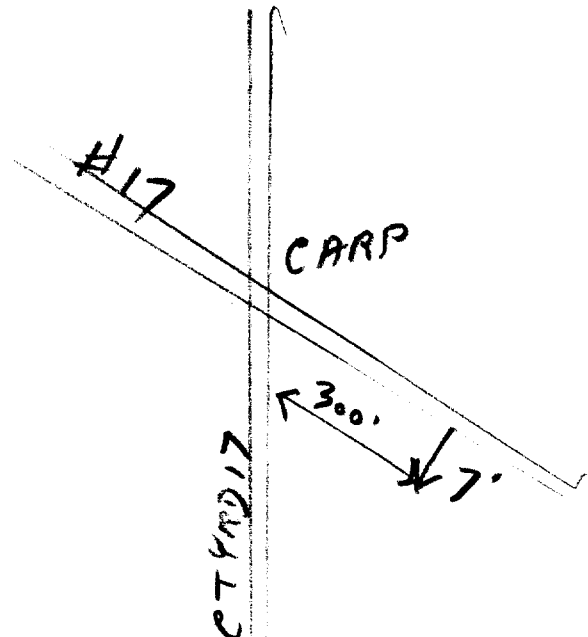
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>Sand</u>	<u>0</u>	<u>10</u>			
<u>Clay</u>	<u>10</u>	<u>35</u>			
<u>Carpyline gravel</u>	<u>35</u>	<u>82</u>	<u>82</u>	<u>72</u>	<u>fresh</u>

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. Luffman Co. Ltd.
 Address 1014 Brantford
Ottawa
 Licence Number 565
 Name of Driller W. Roy
 Address Hull
 Date March 17/60
J.B. Luffman
 (Signature of Licensed Drilling Contractor)

Location of Well

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





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

UTM 18Z 418850E
 5R 5021520N
 Elev. 4R 0360

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 25 | Carleton
 County or District
 Con. 2 | Lot 18
 Township, Village, Town or City HUNTER
 Date completed 11 4 1962
 (day month year)
 Address Carp, Ontario

Casing and Screen Record

Inside diameter of casing 6 3/16
 Total length of casing 64'
 Type of screen N
 Length of screen 0
 Depth to top of screen N
 Diameter of finished hole E 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

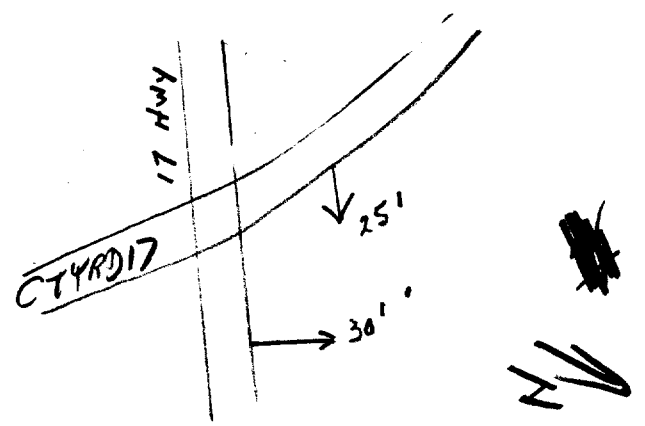
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay	0	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
 (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.





GROUND WATER BRANCH
 15 No. 3086
 FEB 26 1969
 ONTARIO WATER RESOURCES COMMISSION

UTM *iv* 18Z 418970E

5R 5021360N

The Ontario Water Resources Commission Act

Elev. 0211 0310

WATER WELL RECORD

Basin *hot 18*
 County or District *Pakenham*

Township, Village, Town or City *Hentley*
 Date completed *20* (day) *Dec* (month) *1962* (year)

Con. *2* Lot *18*

Address *Carp*

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 *706"*
 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

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<i>course sand</i>	<i>0</i>	<i>20</i>	<i>85</i>	<i>fresh</i>
<i>fine "</i>	<i>20</i>	<i>85</i>		

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*

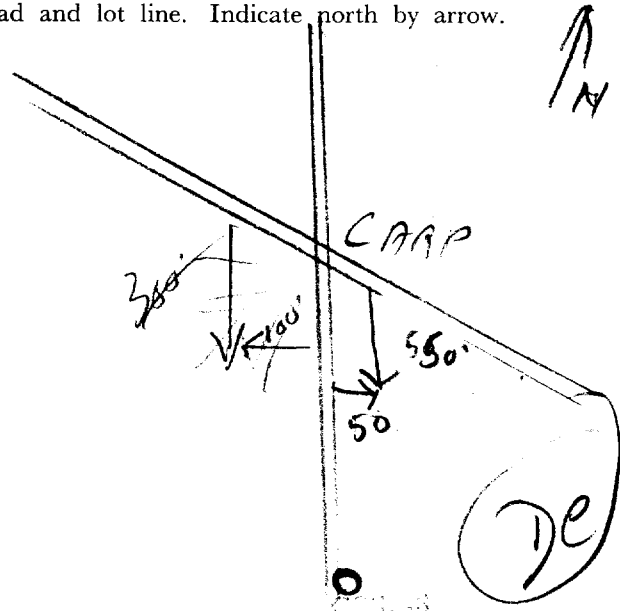
Address *Pakenham*

Date *Dec 20/62*

Austin Stanton
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well

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





UTM 18Z 418990E

5R 5021339N

Elev. 4R 0310

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BOARD
15 No 3087
APR 1963

Basin 25
County or District Coquitlam

Township, Village, Town or City Huntley

Con. ~~1~~ 2 Lot ~~17~~ 18

Date completed 17 5 1963
(day month year)

Address Box 30 Camp 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 1500 G.P.M.
Pumping level 25
Duration of test pumping 1 h
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 800 G.P.M.
with pump setting of 20 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>clay</u>	<u>0</u>	<u>15</u>		
<u>sand and gravel</u>	<u>15</u>	<u>23</u>		
<u>gravel</u>	<u>23</u>	<u>27</u>	<u>25 to 27</u>	<u>fresh</u>

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

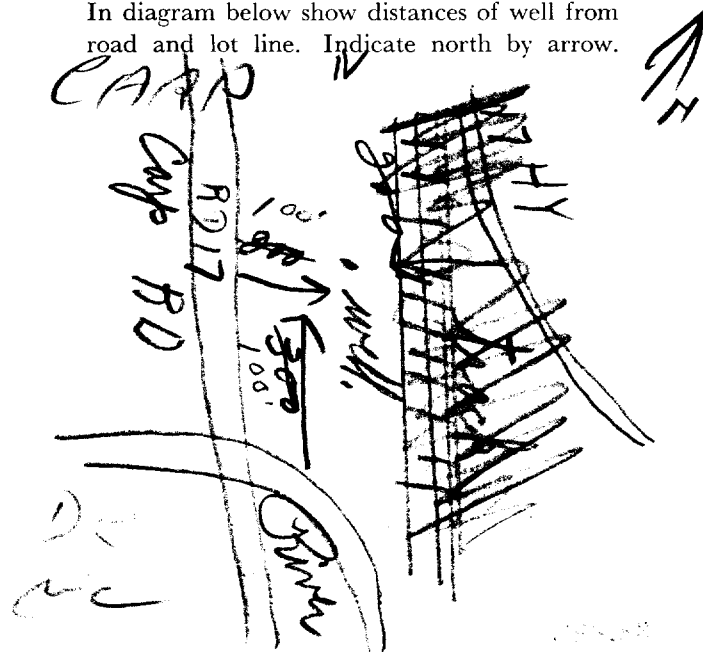
Drilling or Boring Firm J. B. DUFRESNE
Address 1014 MAITLAND
ATTAWA ONT.

Licence Number
Name of Driller or Borer R. LAMIEL
Address 1 BONSIDE P. 2
Date 17 MAY 1963

(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.





GROUND WATER BRANCH
 M1517 No. 3088
 ONTARIO WATER RESOURCES COMMISSION

UTM 18Z 418820E

5R 5021549N

The Ontario Water Resources Commission Act

Elev. 4R 0320

WATER WELL RECORD

Basin 25
 County or District Carleton

Township, Village, Town or City Huntley

Con. 2 Lot 146 Main Street Date completed 25 NOV 63
 (day month year)

Address Carp, Ontario.

Casing and Screen Record

Inside diameter of casing 6 3/16"
 Total length of casing ~~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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay	0	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

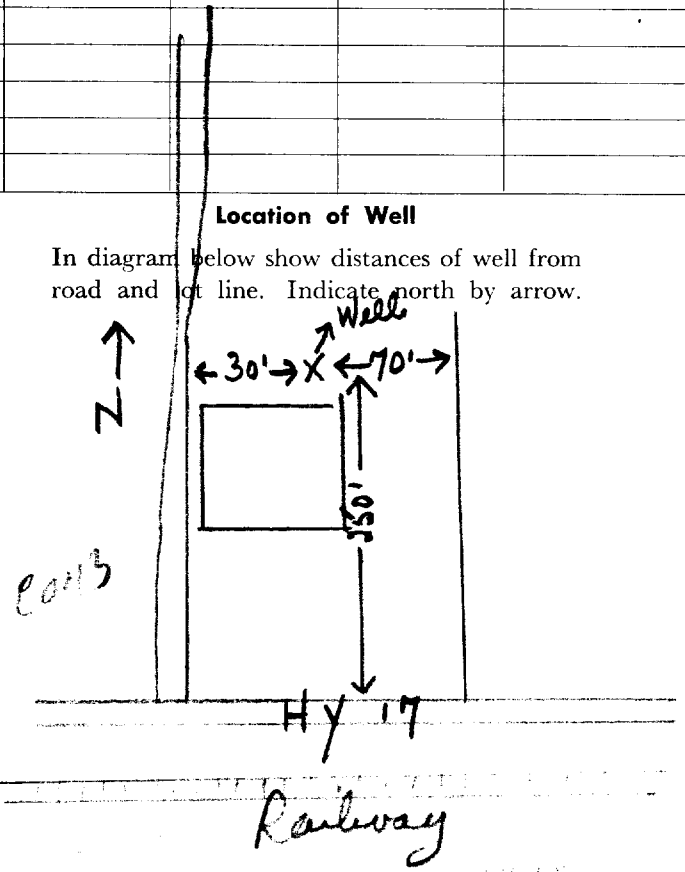
Name of Driller or Borer W. Roy
 Address 79 St. Jean Baptiste, Deschenes,
 Quebec.
 Date 28 November 1963

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

Form 7 15M-60-4138

Location of Well

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





UTM 18 Z 419 100 E

5 R 5021420 N

Elev. 4 R 0315

Basin 25
County or District Carleton

Con. 2 Lot 18

The Ontario Water Resources Commission Act

WATER RESOURCES
DIVISION No. 15
JUN 17 1965
ONTARIO WATER
RESOURCES COMMISSION

3089

WATER WELL RECORD

Township, Village, Town or City Carp
Date completed 17 (day) March (month) 1965 (year)

Address Carp

Casing and Screen Record

Inside diameter of casing 6 1/4"
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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Loam	0	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 109 Kenham

Licence Number 1691

Name of Driller or Borer same

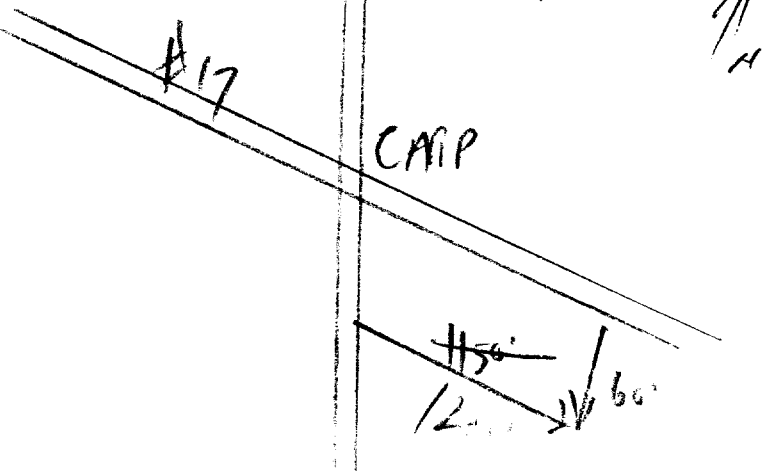
Address same

Date March 17/65

Quint 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.



UTM 18 A 418990 E



15 No 3091

5 R 5021380 N

The Ontario Water Resources Commission Act

Elev. 4 R 0310

WATER WELL RECORD

Basin 25
County or District Carleton

Township, Village, Town or City Huntley

Con. 2 Lot ~~28 Main St.~~ 18

Date completed 19 Oct. 1965
(day month 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. GPM

Pumping level 40

Duration of test pumping 1/2 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 600 hr. GPM

with pump setting of 60 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
clay	0	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 Mainland Ave.

Address Ottawa, Ont.

Licence Number 1307

Name of Driller or Borer W. Roy

Address

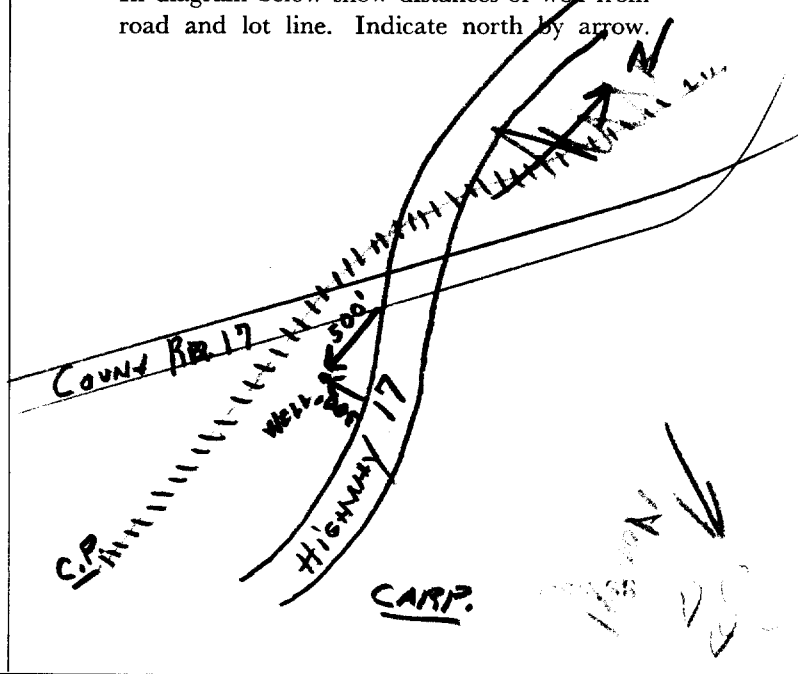
Date October 20th 1965

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

Form 7 15M-60-4188

Location of Well

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



UTM 5 18 2 4 18 9 4 0 E



15 No 3094

5 R 5021540 N

The Ontario Water Resources Commission Act

Elev. 4 R 0320

WATER WELL RECORD

Basin 25
County or District *Carleton*

Township, Village, Town or City *Huntley*

Con. 2 Lot 18

Date completed 12 Dec 1966
(day month year)

Owner *Huntley Public School Area*
(print in block letters)

Address *Corp.*

Casing and Screen Record

Pumping Test

Inside diameter of casing *6 1/4"*
Total length of casing *198'*
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole *6"*

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

Water Record

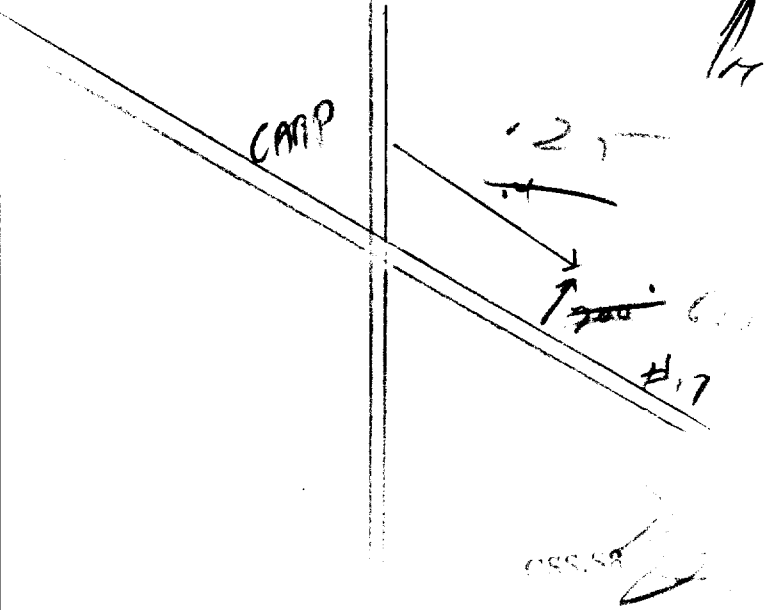
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<i>Blue clay</i>	<i>0</i>	<i>43</i>	<i>213</i>	<i>fresh</i>
<i>grey fine sand</i>	<i>43</i>	<i>198</i>		
<i>grey limestone</i>	<i>198</i>	<i>213</i>		

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

Location of Well

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

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*

Quint Stott
(Signature of Licensed Drilling or Boring Contractor)

UTM M 8 Z 4 1 8 8 2 0 E

5 R 5 0 2 1 4 6 0 N

Elev. 4 R 0 3 1 9

Basin 2 5 7 1 8



ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

Water-Well Record

Fenn 15 No 3142 *C*

GROUND WATER BRANCH
MAR 1 6 1959
ONTARIO WATER
COMMISSION

Ship, Village, Town or City..... Heatley

in Village, Town or City.....

Address Carp, Ont.

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

Pipe and Casing Record

Pumping Test

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

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

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
clay	0	40			
sand	40	97			
limestone	97	138	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.....

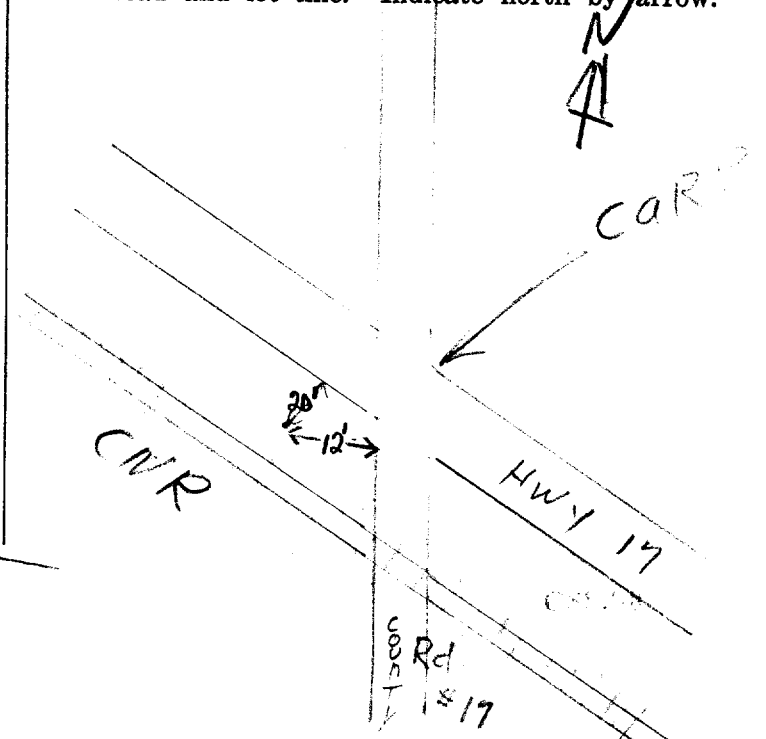
I certify that the foregoing statements of fact are true.

Date Mar. 10

F.A. McLean
Signature of Licensee

Location of Well

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





UTM 18Z 418740E

5R 5021580N

Elev. 4R 0330

The Ontario Water Resources Commission Act

GROUND WATER BRANCH
 15 No. 3115
 FEB 25 1963
 ONTARIO WATER
 RESOURCES COMMISSION
 HORTON

WATER WELL RECORD

Basin 25 | County or District | PARLETON | Township, Village, Town or City

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

Address: EARP

Casing and Screen Record

Pumping Test

Inside diameter of casing 5.43
 Total length of casing
 Type of screen
 Length of screen
 Depth to top of screen
 Diameter of finished hole 5

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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
CLAY	0	43		
Limestone	43	97	95	FRESH

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

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

Drilling or Boring Firm M MEEGER

Address OTTAWA

Licence Number 618

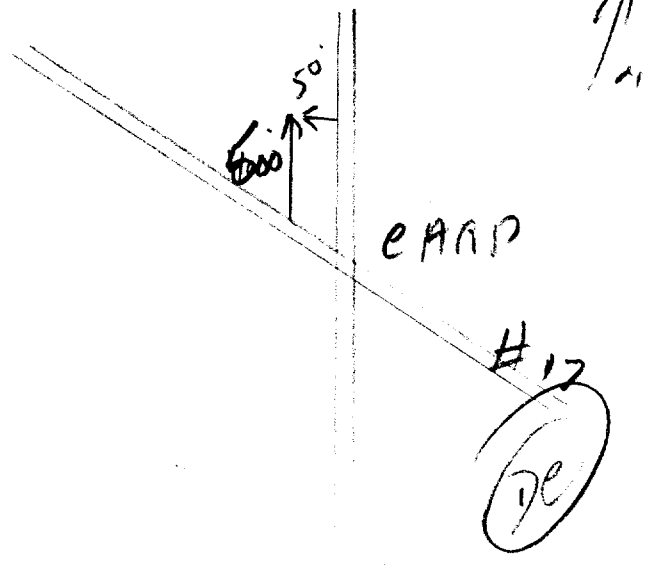
Name of Driller or Borer Same

Date FEB 8/63

(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.





UTM 18V 418680E

15 No 3147

5R 5021480N

The Ontario Water Resources Commission Act

Elev. 4R 0305

WATER WELL RECORD

Basin 25 Carleton

Township, Village, Town or City Huntley

Con. 3 Lot 18

Date completed 13th December 1966
(day month year)

Address 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

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>sand</u>	<u>0</u>	<u>60</u>	<u>120</u>	<u>fresh</u>
<u>silt and gravel</u>	<u>60</u>	<u>108</u>	<u>135</u>	fresh
<u>grey limestone</u>	<u>108</u>	<u>140</u>		<u>FRESH</u>

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

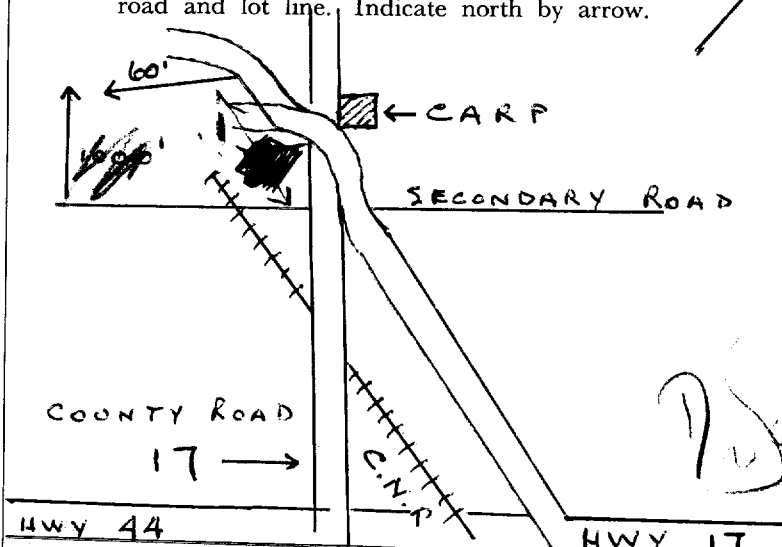
Address 6 Bellevue - Lucerne, Que.

Date December 13th 1966

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

Location of Well

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



UTM *aw* ~~26~~ *26* 18 4 18 7 8 0 E



WATER RESOURCES
DIVISION 15 No 3149
1967

5 R 5021450 N The Ontario Water Resources Commission Act

Elev. 4 R 0310 **WATER WELL RECORD**

Basin 25
County or District Carleton Township, Village, Town or City
Con. 3 Lot 18 Date completed 21 Oct 1966
Address Carp

Casing and Screen Record

Pumping Test

Inside diameter of casing 6 1/4"
Total length of casing 74'
Type of screen ✓
Length of screen ✓
Depth to top of screen ✓
Diameter of finished hole 6 1/4"

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

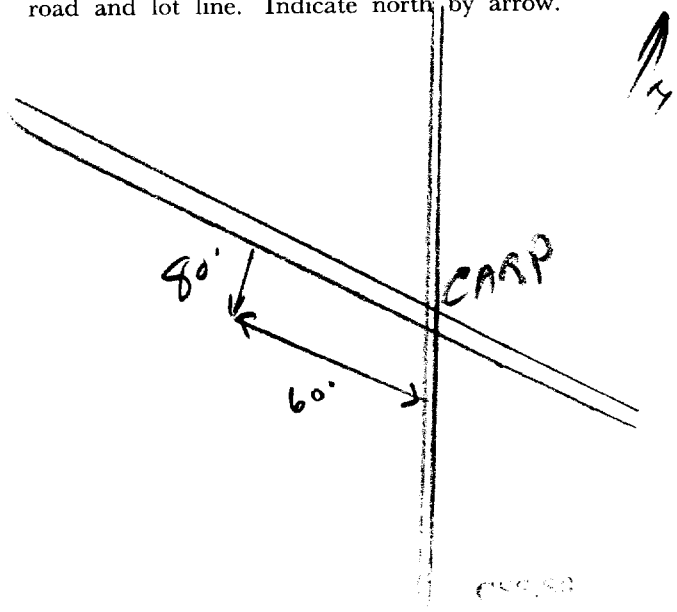
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
clay	0	20	74'	fresh
fine sand	20	73		
fine gravel	73	74		

For what purpose(s) is the water to be used? house + store
Is well on upland, in valley, or on hillside? valley
Drilling or Boring Firm A. Stanton
Address Parkentham
Licence Number 2180
Name of Driller or Borer SAMP
Date Oct 21/66
A. 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.



UTM 18 2 4 1 9 0 0 0 E



GROUND WATER BRANCH
15 No 3320
SEP 24 1962
ONTARIO WATER
SUPPLY DIVISION

9 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 Ashton HUNTLEY

Con. 2 Lot 18 Date completed 3rd Sept. 1962
(day month year)

Address Corp Ont.

Casing and Screen Record

Inside diameter of casing 6 1/4"
Total length of casing 75"
Type of screen brass
Length of screen 4 ft.
Depth to top of screen 76'
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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>clay</u>	<u>0</u>	<u>40</u>		
<u>quick sand</u>	<u>40</u>	<u>65'</u>		
<u>course sand & pebbles</u>	<u>65'</u>	<u>80</u>	<u>60</u>	<u>fresh</u>

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 M. Laughlin

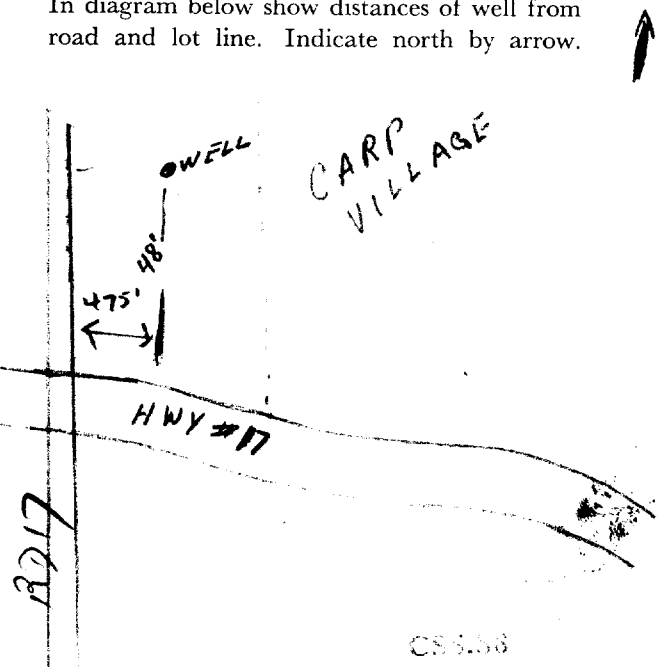
Address Ashton Ont

Date Sept 11/62

Melville M. Laughlin
(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.





GROUND WATER BRIDGE
 15 No.
 MAY 21 1963
 ONTARIO WATER
 RESOURCES COMMISSION

UTM 18 418910 E

5 R 5021340 N

The Ontario Water Resources Commission Act

Elev. 4 R 10305

WATER WELL RECORD

Basin 05518 CARLETON Township, Village, Town or City
 County or District

Con. 3 Lot 18 Date completed FEB. 21/63
 (day month year)

Owner CARP FLOUR MILLS (OWNER) Address CARP
 (print in block letters)

Casing and Screen Record

Pumping Test

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"

Static level 5'
 Test-pumping rate 1000 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

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Blue clay	0	1.5		
Sands & Gravel	1.5	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. Levesque Co Ltd

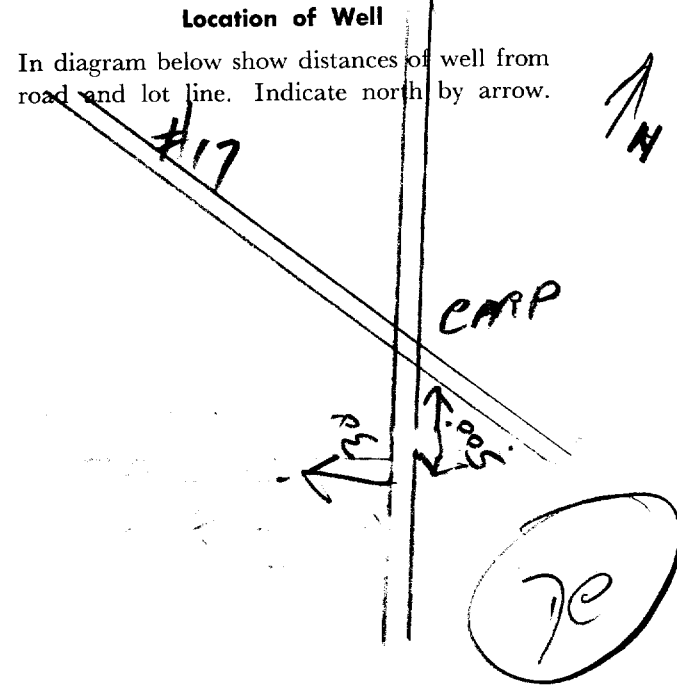
Address
St. Hubert

Licence Number
1032

Name of Driller or Borer
W. Roy

Address
St. Hubert

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





WATER WELL RECORD

31 F/8a

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

11

1512051

MUNICIP. 15.005 CON. C.P.N. 103

COUNTY OR DISTRICT: **Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Huntley** CON., BLOCK, TRACT, SURVEY, ETC.: **Main St. Carp. III** LOT: **1018**

DATE COMPLETED: DAY **30** MO **08** YR. **72**

ELEVATION: **300** BASIN CODE: **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	TO
	Clay			0	16
	Sand	Gravel		16	64
	Sand	Gravel & Clay		64	90
Grey	Limestone			90	170

31 0016 05 0064 28 0090 28 11 05 0170 215

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13 0120	<input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18 0170	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR <input checked="" type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 06	<input checked="" type="checkbox"/> STEEL			13-16
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input type="checkbox"/> OPEN HOLE	.188	0	091
17-18	<input type="checkbox"/> STEEL			20-23
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input type="checkbox"/> OPEN HOLE			
24-25	<input type="checkbox"/> STEEL			27-30
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input type="checkbox"/> OPEN HOLE			

6 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13 0015	Cement Grout
14-17 0020	
18-21	
22-25	
26-29	
30-33	
80	

71 PUMPING TEST METHOD

1 PUMP 2 BAILER

PUMPING RATE: **0003** GPM

DURATION OF PUMPING: 01 HOURS 00 MINS

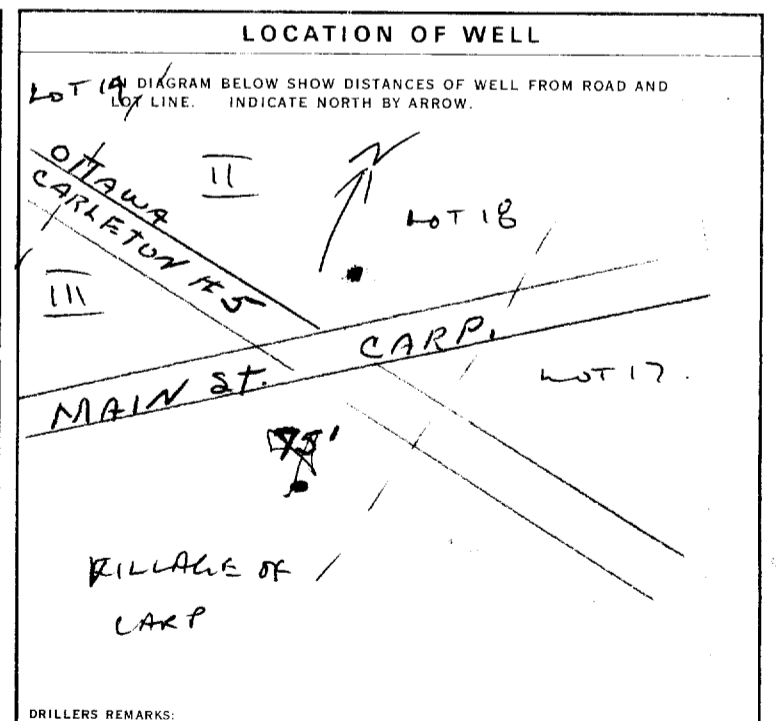
1 PUMPING RECOVERY

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
19-21 033 FEET	22-24 155 FEET	15 MINUTES 110 FEET	30 MINUTES 080 FEET	45 MINUTES 050 FEET	60 MINUTES 033 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: **155** FEET

RECOMMENDED PUMPING RATE: **0003** GPM



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 **01**

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: **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. Schay*

SUBMISSION DATE: DAY **5** MO **9** YR **72**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **3504** DATE RECEIVED: **041**

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: _____

P R
WI



MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

31/8a

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

11

1514331

MUNICIPALITY 15009

CON. CBN

02

COUNTY OR DISTRICT: **Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **West Carleton Huntley** CON., BLOCK, TRACT, SURVEY, ETC.: **2** LOT: **018**

DATE COMPLETED: 48-53
DAY: **27** MO: **09** YR: **74**

Box 27 Carp, Ontario

NO. 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	TO
brown	sand	boulders		0	30
gray	sand	boulders		30	50
gray red	gravel	boulders		50	68

31 003062813 005022813 006821113

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
	1 FRESH	3 SULPHUR	2 SALTY	4 MINERAL
0068	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06	STEEL	188	0	0068

SCREEN

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

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER

PUMPING RATE: 0050 GPM

DURATION OF PUMPING: 01 HOURS 30 MINS

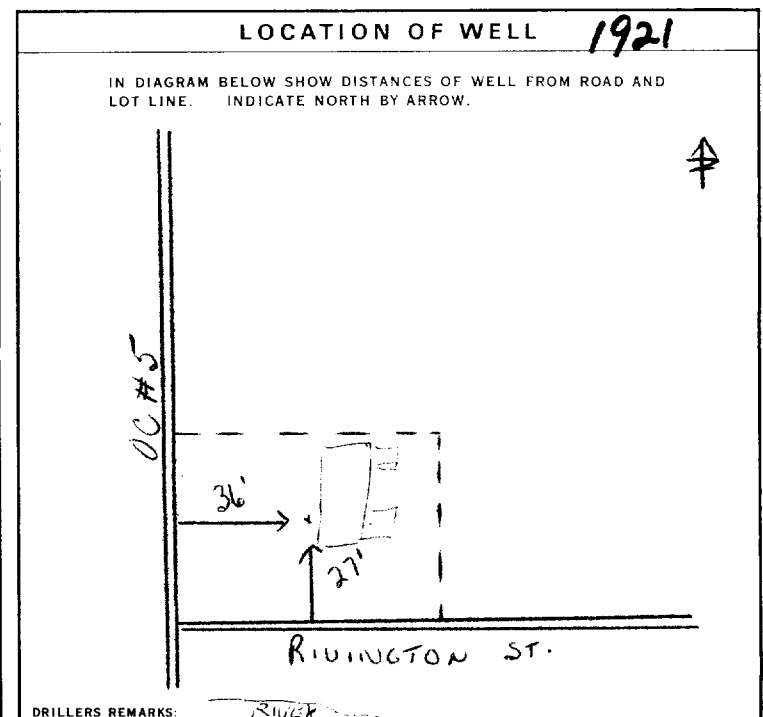
WATER LEVELS DURING PUMPING:

STATIC LEVEL	WATER LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
005	015	015	015	015	015

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 025 FEET

RECOMMENDED PUMPING RATE: 0005 GPM



FINAL STATUS OF WELL: 1 WATER SUPPLY

WATER USE: 01

METHOD OF DRILLING: 1 CABLE TOOL

CONTRACTOR: Capital Water Supply Ltd. LICENCE NUMBER: 1558

ADDRESS: Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER: D. Mowat

SIGNATURE OF CONTRACTOR: [Signature]

SUBMISSION DATE: DAY 30 MO. 9 YR. 74

OFFICE USE ONLY

DATA SOURCE: 1

CONTRACTOR: 1558

DATE RECEIVED: 151074

DATE OF INSPECTION: 4 Apr 76

INSPECTOR: P/R. Day

REMARKS:

P

WI



MINISTRY OF THE ENVIRONMENT
The Ontario Water Resources Act

WATER WELL RECORD

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

11 1514331 MUNICIPAL CON.

CARLETON West Carleton Toronto 2
OWNER (SURNAME FIRST) ADDRESS Box 27 Carp, Ontario DATE COMPLETED
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	TO
brown	sand	boulders		0	30
gray	sand	boulders		30	50
gray red	gravel	boulders		50	68

31 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-12	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
18-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
23-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/2	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	1 1/8	0	68-18
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	1 1/8		20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	2 1/8		27-30

SCREEN

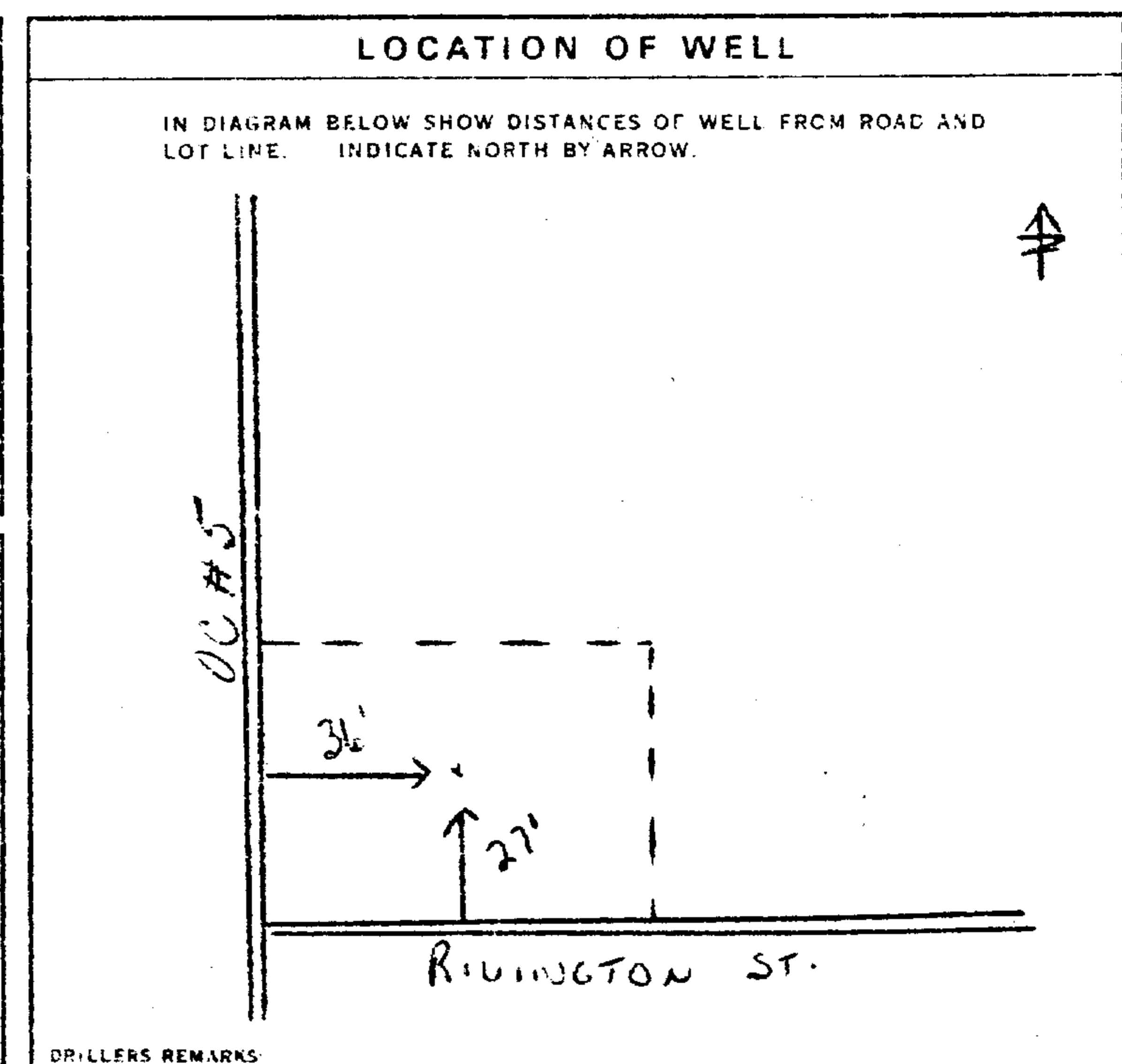
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
31-33	34-38	39-40
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN 41-44

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	50 GPM	1 15-16 HOURS 30 17-18 MINS
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
5 FEET	15 FEET	15 FEET 15 FEET 15 FEET 15 FEET
IF FLOWING GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
		1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
1 <input checked="" type="checkbox"/> SHALLOW 2 <input type="checkbox"/> DEEP	25 FEET	5 GPM



FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> WATER SUPPLY	5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
2 <input type="checkbox"/> OBSERVATION WELL	6 <input type="checkbox"/> ABANDONED, POOR QUALITY
3 <input type="checkbox"/> TEST HOLE	7 <input type="checkbox"/> UNFINISHED
4 <input type="checkbox"/> RECHARGE WELL	

WATER USE

1 <input checked="" type="checkbox"/> DOMESTIC	5 <input type="checkbox"/> COMMERCIAL
2 <input type="checkbox"/> STOCK	6 <input type="checkbox"/> MUNICIPAL
3 <input type="checkbox"/> IRRIGATION	7 <input type="checkbox"/> PUBLIC SUPPLY
4 <input type="checkbox"/> INDUSTRIAL	8 <input type="checkbox"/> COOLING OR AIR CONDITIONING
9 <input type="checkbox"/> OTHER	9 <input type="checkbox"/> NOT USED

METHOD OF DRILLING

1 <input checked="" type="checkbox"/> CABLE TOOL	6 <input type="checkbox"/> BORING
2 <input type="checkbox"/> ROTARY (CONVENTIONAL)	7 <input type="checkbox"/> DIAMOND
3 <input type="checkbox"/> ROTARY (REVERSE)	8 <input type="checkbox"/> JETTING
4 <input type="checkbox"/> ROTARY (AIR)	9 <input type="checkbox"/> DRIVING
5 <input type="checkbox"/> AIR PERCUSSION	

CONTRACTOR

NAME OF WELL CONTRACTOR	LICENCE NUMBER
Capital Water Supply Ltd.	1558
ADDRESS	
Box 490 Stittsville, Ontario	
NAME OF DRILLER OR BORER	LICENCE NUMBER
D. Mowat	
SIGNATURE OF CONTRACTOR	SUBMISSION DATE
<i>Kalter</i>	DAY 30 MO. 9 YR 74

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED	51074
DATE OF INSPECTION	INSPECTOR		
REMARKS:			
			P
			WI



Ontario

WATER WELL RECORD

31F/8a

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

11

1575638

MUNICIPALITY 15005

CON. 02

COUNTY OR DISTRICT: CARLETON
 TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: CARP
 CON. BLOCK, TRACT, SURVEY, ETC.: CHURCH ST
 DATE COMPLETED: DAY 17 MO 09 YR 76
 ELEVATION: 21520 4 0302 4 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

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

31 0076628/173
 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	14
15-18	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	19
20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	24
25-28	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	29
30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	34-80

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11	1 <input checked="" type="checkbox"/> STEEL	12	0	76
17-18	1 <input type="checkbox"/> STEEL	19		20-23
24-25	1 <input type="checkbox"/> STEEL	26		27-30

SCREEN

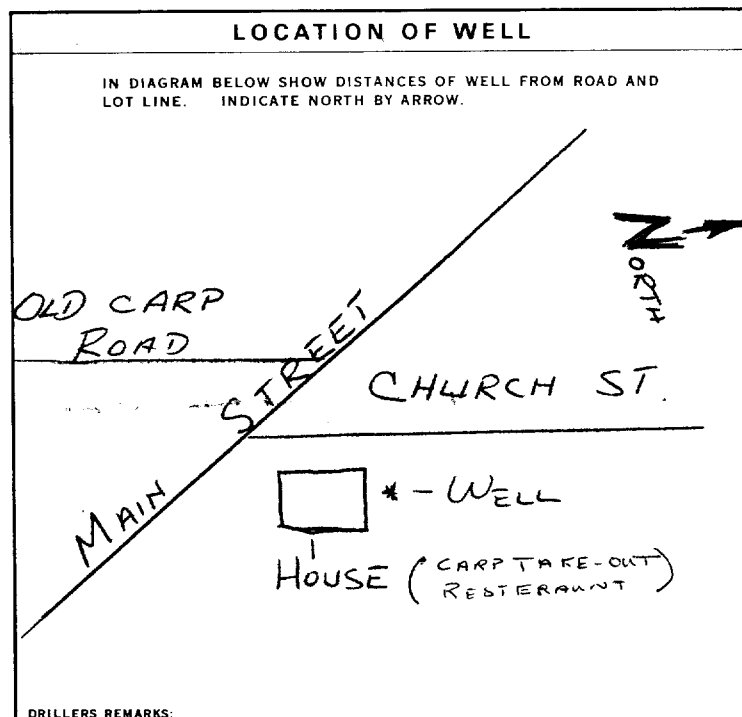
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN
		41-44 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

71 PUMPING TEST

PUMPING METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0007 GPM	DURATION OF PUMPING 02 HOURS 00 MINS
STATIC LEVEL 017 FEET	WATER LEVEL END OF PUMPING 017 FEET	WATER LEVELS DURING
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT 35 FEET	WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE 1 <input checked="" type="checkbox"/> SHALLOW 2 <input type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 035 FEET	RECOMMENDED PUMPING RATE 0006 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY
 2 OBSOLETE WELL
 3 TEST ONLY
 4 RECHARGE

WATER USE

1 DOMESTIC
 2 STOCK
 3 IRRIGATION
 4 INDUSTRIAL
 5 OTHER

METHOD OF DRILLING

1 CABLE TOOL
 2 ROTARY (CONVENTIONAL)
 3 ROTARY (REVERSE)
 4 ROTARY (AIR)
 5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: W.A. DEEVEY
 LICENCE NUMBER: 1703
 ADDRESS: 309 ASHTON
 NAME OF DRILLER OR BORER: W. DEEVEY
 LICENCE NUMBER: 1703
 SIGNATURE OF CONTRACTOR: W.A. Deevy
 SUBMISSION DATE: 25 MO. 09 YR. 76

OFFICE USE ONLY

DATA SOURCE: 1
 CONTRACTOR: 1703
 DATE RECEIVED: 191076
 DATE OF INSPECTION: June 9/77
 INSPECTOR: GKS
 REMARKS: P 75
 WI



Ontario

WATER WELL RECORD

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

1575638

COUNTY OR DISTRICT CARLETON	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE CARP (March Fitzroy)	CON., BLOCK, TRACT, SURVEY, ETC. CHURCH ST	LOT 142
OWNER (SURNAME FIRST) [REDACTED]	ADDRESS CARP ONT	DATE COMPLETED DAY 17 MO. 09 YR. 76	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

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

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
76	<input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
3	STEEL		0	76

SCREEN

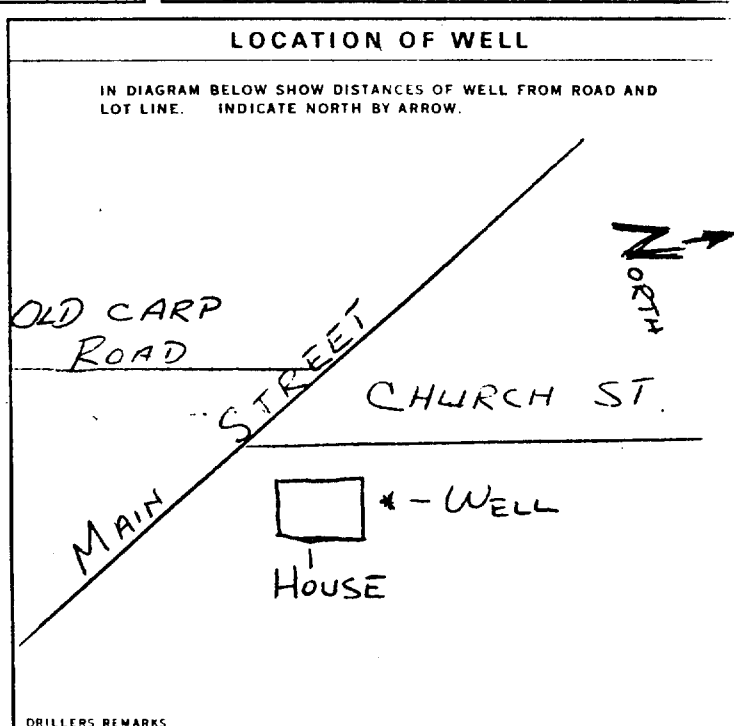
SIZE(S) OF OPENING (SLOT NO. 1)	DIAMETER INCHES	LENGTH FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE
10-11	14-17

71 PUMPING TEST

PUMPING TEST METHOD <input checked="" type="checkbox"/> PUMP	PUMPING RATE 7 GPM	DURATION OF PUMPING 2 HOURS
STATIC LEVEL 17 FEET	WATER LEVEL END OF PUMPING 17 FEET	WATER LEVELS DURING
		15 MINUTES: 17 FEET
		30 MINUTES: 17 FEET
		45 MINUTES: 17 FEET
		60 MINUTES: 17 FEET



FINAL STATUS OF WELL

WATER SUPPLY

WATER USE

DOMESTIC

METHOD OF DRILLING

ROTARY (CONVENTIONAL)

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

DATE OF INSPECTION: **19 10 76**

INSPECTOR: **CSS SR**

REMARKS:



P.M.

WATER WELL RECORD

31F8a

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

11

1515887

MUNICIPALITY: 15005
CON. CAN: 02

COUNTY OR DISTRICT Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE West Carleton (Huntley)	CON., BLOCK, TRACT, SURVEY, ETC. 2	DATE COMPLETED DAY 01 MO 04 YR 77
ADDRESS 5 Main St. Carp, Ontario			018 35
MIN. 02.1480	4	ELEVATION 0320	4
BASIN CODE	26		

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

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

31 000261112801 004020512885 009522879 0100211179

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0100	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	0100
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

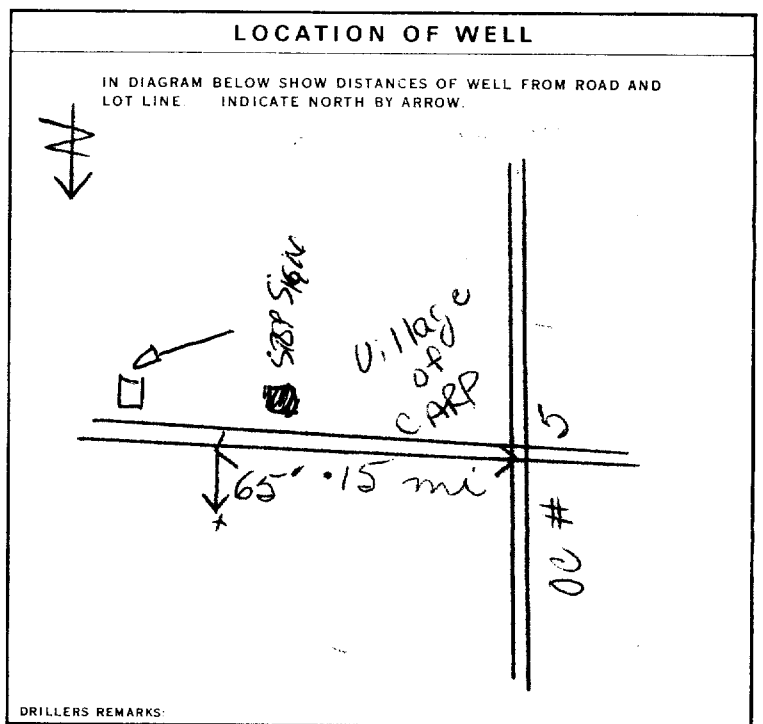
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN
		FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM TO	
10-13	14-17
18-21	22-25
26-29	30-33 80

71 PUMPING TEST METHOD

1 <input type="checkbox"/> PUMP	2 <input checked="" type="checkbox"/> BAILER	PUMPING RATE 0030 GPM	DURATION OF PUMPING 02 HOURS 00 MINS
STATIC LEVEL 022 FEET	WATER LEVEL END OF PUMPING 030 FEET	WATER LEVELS DURING	
		15 MINUTES 030 FEET	30 MINUTES 030 FEET
		45 MINUTES 030 FEET	60 MINUTES 030 FEET
IF FLOWING, GIVE RATE		38-41 PUMP INTAKE SET AT	42 WATER AT END OF TEST
RECOMMENDED PUMP TYPE		43-45 RECOMMENDED PUMP SETTING 050 FEET	46-49 RECOMMENDED PUMPING RATE 0005 GPM



54 FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> WATER SUPPLY	5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
2 <input type="checkbox"/> OBSERVATION WELL	6 <input type="checkbox"/> ABANDONED, POOR QUALITY
3 <input type="checkbox"/> TEST HOLE	7 <input type="checkbox"/> UNFINISHED
4 <input type="checkbox"/> RECHARGE WELL	

55-56 WATER USE

1 <input checked="" type="checkbox"/> DOMESTIC	5 <input type="checkbox"/> COMMERCIAL
2 <input type="checkbox"/> STOCK	6 <input type="checkbox"/> MUNICIPAL
3 <input type="checkbox"/> IRRIGATION	7 <input type="checkbox"/> PUBLIC SUPPLY
4 <input type="checkbox"/> INDUSTRIAL	8 <input type="checkbox"/> COOLING OR AIR CONDITIONING
9 <input type="checkbox"/> OTHER	9 <input type="checkbox"/> NOT USED

57 METHOD OF DRILLING

1 <input checked="" type="checkbox"/> CABLE TOOL	6 <input type="checkbox"/> BORING
2 <input type="checkbox"/> ROTARY (CONVENTIONAL)	7 <input type="checkbox"/> DIAMOND
3 <input type="checkbox"/> ROTARY (REVERSE)	8 <input type="checkbox"/> JETTING
4 <input type="checkbox"/> ROTARY (AIR)	9 <input type="checkbox"/> DRIVING
5 <input type="checkbox"/> AIR PERCUSSION	

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	SUBMISSION DATE
	DAY 4 NO. 4 YR 77

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR	DATE RECEIVED
1	1558	100577
DATE OF INSPECTION	INSPECTOR	
MAY 30/78	K	
REMARKS		
2 STOREY BROWN WOOD SIDED HOUSE - RED TRIM		
	P <input checked="" type="checkbox"/>	WI



Ontario

WATER WELL RECORD

SIF8a

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

11 1517625

MUNICIPALITY 15005 CON. CQN

02

COUNTY OR DISTRICT Ottawa-Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE West Carleton - Huntley	CON. BLOCK, DIST. SURVEY, T.C. NO. Lot 13 Con 2	Plan 245	DATE COMPLETED DAY 09 MO 07 YR. 81
--	--	---	----------	---------------------------------------

ADDRESS Box 161, Carp, Ontario K0A 1L0	DATE COMPLETED DAY 09 MO 07 YR. 81
BATHING 021499	ELEVATION 4 0315
BASIN CODE 4 26	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Sand		Packed	0	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 000662879 09113051373 003022173 004272180 01402319073 026022173

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0036'	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0195'	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0255'	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06 6 1/2	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	168	0	0021
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		21	0180
06 5 1/2	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE		180	0260

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE
10-13	14-17
18-21	22-25
26-29	30-33 80

71 PUMPING TEST

1 PUMP 2 BAILER

10 PUMPING RATE: 0007 GPM

11-14 DURATION OF PUMPING: 02 HOURS

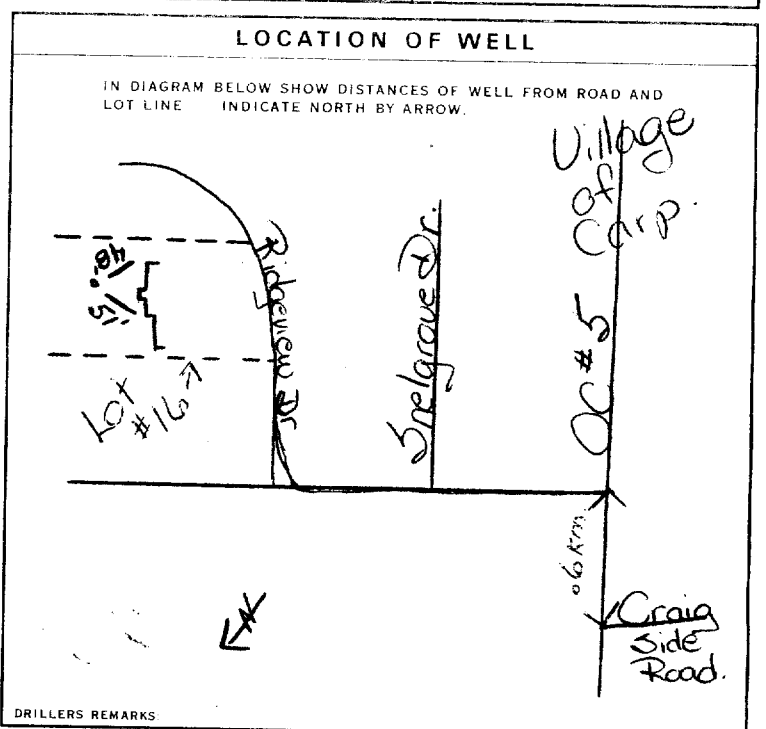
15-16 PUMPING: 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
070 FEET	140 FEET	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
		140 FEET	140 FEET	140 FEET	140 FEET

RECOMMENDED PUMP TYPE: DEEP

RECOMMENDED PUMP SETTING: 200 FEET

RECOMMENDED PUMPING RATE: 6005 GPM



FINAL STATUS OF WELL: 1 WATER SUPPLY

WATER USE: 01 DOMESTIC

METHOD OF DRILLING: 1 CABLE TOOL

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

ADDRESS: Box 490, Stittsville, Ontario K0A 3G0

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 OF INSPECTION: 22 09 81

REMARKS:

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WI

WATER WELL RECORD

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

11 1518827 MUNICIPAL 15005 CON. C/N 02
COUNTY OR DISTRICT CARLETON TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Huntley CON. BLOCK, TRACT, SURVEY, ETC II LOT 018
DATE COMPLETED DAY 06 MO 05 YR 83
RINGSIDE SUBDIVISION CARR. ONT.
RING 021599 # ELEVATION 0310 # RAIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	sand		Loose	0	25
Brown	clay		Parted	25	75
Black	Boulders		Hard	85	100
Brown	sand		Loose	100	123
Black	Granite		Hard	123	207

MOE VF-18

31 02292877 008560579 010091373 012362877 020782173
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR		
15-18	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL		
20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR		
25-28	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL		
30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR		
	2 <input type="checkbox"/> SALTY	4 <input type="checkbox"/> MINERAL		

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11	1 <input checked="" type="checkbox"/> STEEL	188	0	128
17-18	2 <input type="checkbox"/> GALVANIZED			20-23
24-25	3 <input type="checkbox"/> CONCRETE			27-30
	4 <input type="checkbox"/> OPEN HOLE			

SCREEN

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

61 PLUGGING & SEALING RECORD

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

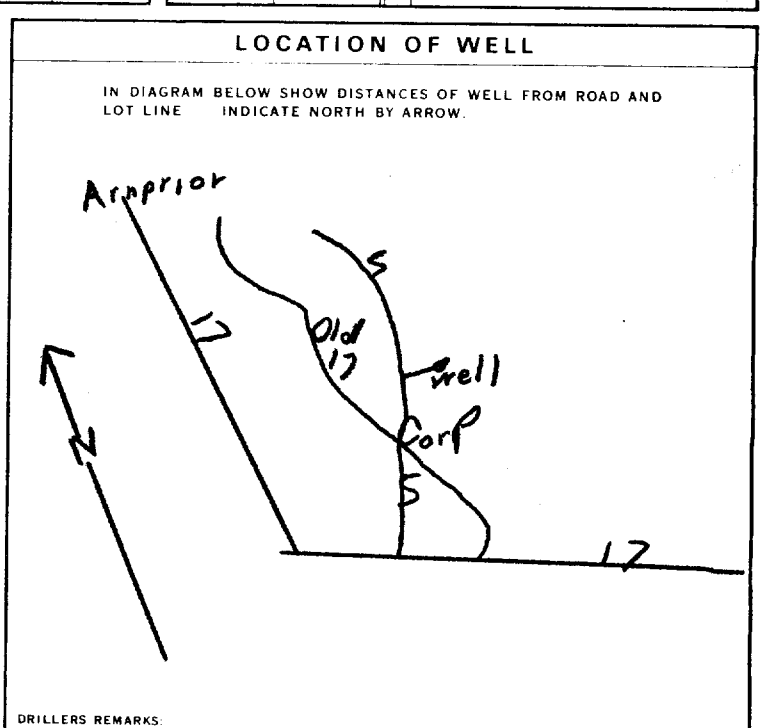
71 PUMPING TEST

PUMPING TEST METHOD 1 AIR 2 BAILER
PUMPING RATE 0020 GPM DURATION OF PUMPING 01 15-16 HOURS 00 17-18 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING					
19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
015 FEET		26-28	29-31	32-34	35-37		

IF FLOWING, GIVE RATE 38-41 PUMP INTAKE SET AT 195 FEET WATER AT END OF TEST 42 1 CLEAR 2 CLOUDY

RECOMMENDED PUMP TYPE 43-45 RECOMMENDED PUMP SETTING 195 FEET 49-49 RECOMMENDED PUMPING RATE 0015 GPM



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

METHOD OF DRILLING 5 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 1000 Lakeshore Ontario
NAME OF DRILLER OR BORER Alfred Law LICENCE NUMBER 3352
SIGNATURE OF CONTRACTOR SUBMISSION DATE DAY 10 MO 9 YR 83

OFFICE USE ONLY

DATA SOURCE 1 58 CONTRACTOR 3323 59-62 DAY RECEIVED 010384 63-68 80
DATE OF INSPECTION INSPECTOR
REMARKS



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 **CARLETON** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE **Huntley** CON. BLOCK, TRACT, SURVEY ETC _____ LOT **18**

WINGSIDE SUBDIVISION CARR. ONT.

DATE COMPLETED **06** DAY **05** MO **05** YR **83**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	sand		Loose	0	25
Brown	clay		Packed	25	85
Black	Boulders		Hard	85	100
Brown	sand		Loose	100	123
Black	Granite		Hard	123	207

31 _____
32 _____

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
20-25	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-20	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-25	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-30	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
6 1/4	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	128
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

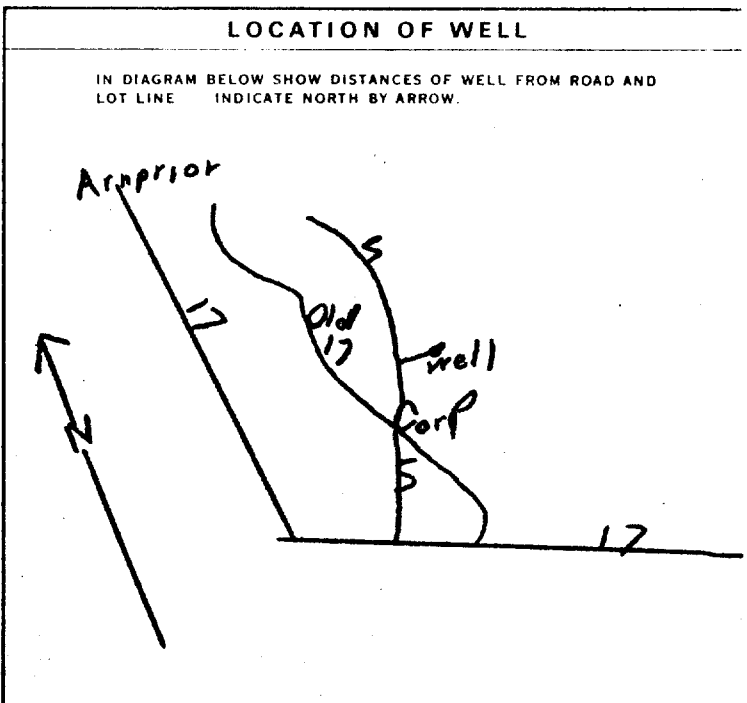
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN
		FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	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 <input checked="" type="checkbox"/> AIR 2 <input type="checkbox"/> BAILER	PUMPING RATE 20 GPM	DURATION OF PUMPING 1 15-16 HOURS 17-18 MINS
STATIC LEVEL 15 FEET	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
		15 MINUTES 20-20 FEET 30 MINUTES 29-31 FEET 45 MINUTES 32-34 FEET 60 MINUTES 35-37 FEET
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT 195 GPM	WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 195 FEET	RECOMMENDED PUMPING RATE 15 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY 6 ABANDONED, INSUFFICIENT SUPPLY
 2 OBSERVATION WELL 7 ABANDONED, POOR QUALITY
 3 TEST HOLE 8 UNFINISHED
 4 RECHARGE WELL

WATER USE

1 DOMESTIC 6 COMMERCIAL
 2 STOCK 7 MUNICIPAL
 3 IRRIGATION 8 PUBLIC SUPPLY
 4 INDUSTRIAL 9 COOLING OR AIR CONDITIONING
 OTHER 10 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, Inc. Ltd.** LICENCE NUMBER **3323**
 ADDRESS **Coalgate Ontario**
 NAME OF DRILLER OR BORE **Alfred Law** LICENCE NUMBER **3352**
 SIGNATURE OF CONTRACTOR **G. H. Law** SUBMISSION DATE **10** DAY **9** MO **9** YR **83**

OFFICE USE ONLY

DATA SOURCE _____ CONTRACTOR **010384** DATE RECEIVED _____
 DATE OF INSPECTION _____ INSPECTOR _____
 REMARKS _____

WATER WELL RECORD

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

11 1518879 15005 CON CAN 02

COUNTY OR DISTRICT: OTT. CARLETON TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: [REDACTED] CON. BLOC. DISTRICT SURVEY, ETC.: II DATE COMPLETED: DAY 10 MO 05 YR 83

SPRINGSIDE SUBDIVISION CARP ONT. ELEVATION: 215.99 4 0310 4 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

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



31 002562877 008560579 010581373 022882173

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	0/10
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

SIZE (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
31-33	34-38	39-40

MATERIAL AND TYPE: _____ DEPTH TO TOP OF SCREEN: 41-44 FEET

61 PLUGGING & SEALING RECORD

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

71 PUMPING TEST

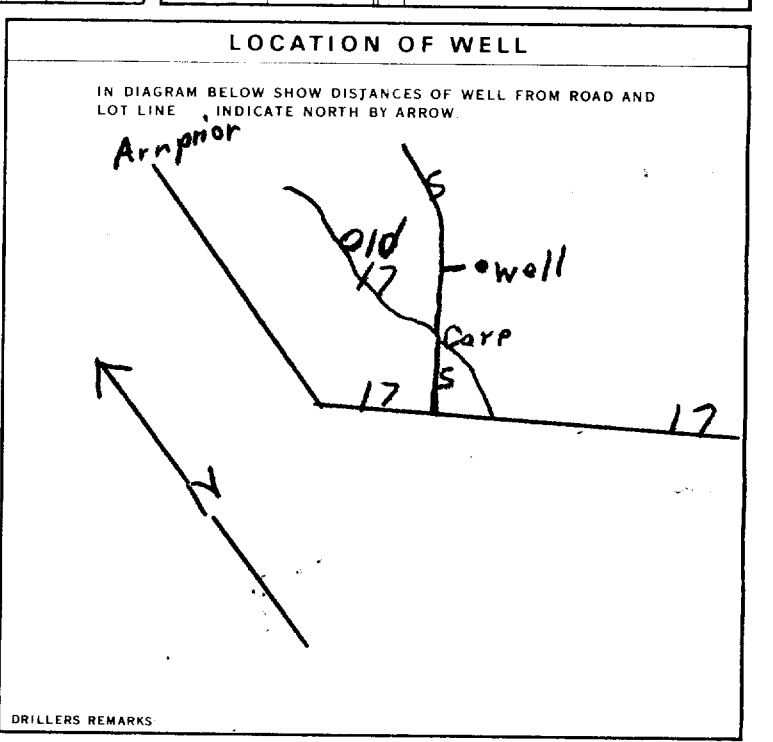
PUMPING TEST METHOD: 1 FAIR 2 BAILER

PUMPING RATE: 0010 GPM DURATION OF PUMPING: 0 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
19-21 FEET	22-24 FEET	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
015	223	12 1/2	06 1/2	03 2/3	015

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 200 FEET RECOMMENDED PUMPING RATE: 0005 GPM



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
9 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: [Signature] SUBMISSION DATE: DAY 12 MO 9 YR 83

OFFICE USE ONLY

DATA SOURCE: 1 3323 010384
DATE OF INSPECTION: _____ INSPECTOR: _____
REMARKS: _____

WATER WELL RECORD

8314

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

11 1518879

MUNICIP. CON. LOT 25-27

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

SPRINGSIDE SUBDIVISION CARP ONT. DATE COMPLETED DAY **10** MO **05** YR **88**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	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	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
15-20	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 7/4	<input checked="" type="checkbox"/> STEEL	188	0	110
17-18	<input type="checkbox"/> STEEL			20-23
24-25	<input type="checkbox"/> STEEL			27-30

SCREEN

SIZES OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET

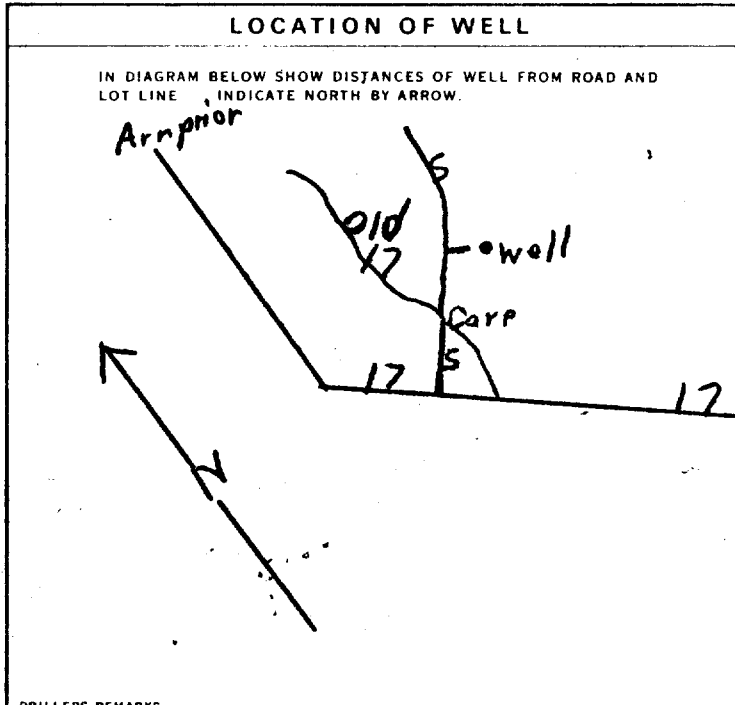
MATERIAL AND TYPE DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE
10-15	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
<input checked="" type="checkbox"/> AIR <input type="checkbox"/> BAILER	10 GPM	15-18 HOURS
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
15 FEET	223 FEET	15 MINUTES: 127 FEET, 30 MINUTES: 65 FEET, 45 MINUTES: 32 FEET, 60 MINUTES: 15 FEET
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER END OF TEST
	200 FEET	42
RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
<input type="checkbox"/> SMALL <input checked="" type="checkbox"/> DEEP	200 FEET	5 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY
2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 OTHER

METHOD OF DRILLING

1 CABLE TOOL
2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSE)
4 ROTARY (AIR)
5 AIR PERCUSSION

CONTRACTOR	NAME OF WELL CONTRACTOR	LICENCE NUMBER
	<i>George H. Law & Son Ltd</i>	3323
	ADDRESS	
	<i>Calabogie Ontario</i>	
NAME OF DRILLER OR BORER	LICENCE NUMBER	
<i>Alfred Law</i>	3352	
SIGNATURE OF CONTRACTOR	SUBMISSION DATE	
<i>George H. Law</i>	DAY 12 MO 9 YR 88	

OFFICE USE ONLY	DATA SOURCE	CONTRACTOR	DATE RECEIVED
			010384
	DATE OF INSPECTION	INSPECTOR	
REMARKS			



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

CON.

COUNTY OR DISTRICT: [redacted] TOWN, BOROUGH, CITY, TOWNSHIP: Carleton Place CON. BLOCK, TRACT, SURVEY, ETC: ward 3 LOT: 218
DATE COMPLETED: 30 9 83 DAY MO YR
NG: [] RC: [] ELEVATION: [] BASIN CODE: []

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
<u>Brown loam</u>				<u>0</u>	<u>10</u>
<u>Sand</u>				<u>10</u>	<u>73</u>
<u>Grey & brown loam</u>				<u>73</u>	<u>100</u>

31 [] 32 []

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
<u>80</u>	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
<u>92</u>	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
<u>6 1/4</u>	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	<u>1 1/8</u>	<u>0</u>	<u>75</u>
	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			

SCREEN

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

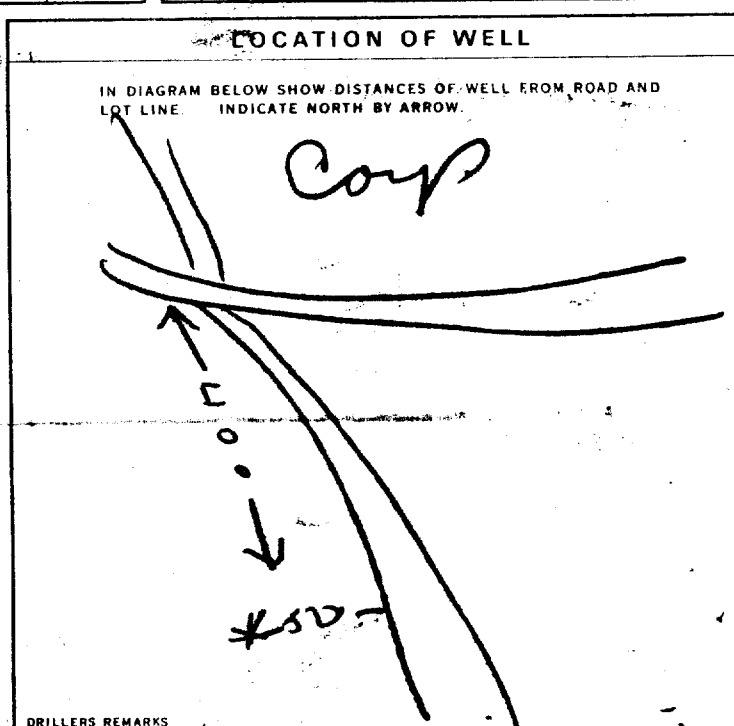
MATERIAL AND TYPE: [] DEPTH TO TOP OF SCREEN: []

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC.
<u>10-13</u>	<u>14-17</u>	
<u>10-21</u>	<u>22-25</u>	
<u>20-29</u>	<u>30-33</u>	<u>60</u>

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 <input type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	<u>50</u> GPM	<u>1</u> HOURS <u>15</u> MINS
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
<u>20</u> FEET	<u>60</u> FEET	15 MINUTES: <u>40</u> FEET 30 MINUTES: <u>60</u> FEET 45 MINUTES: <u>60</u> FEET 60 MINUTES: <u>60</u> FEET
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
<u>95</u> GPM	<u>95</u> FEET	1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
<input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	<u>60</u> FEET	<u>50</u> GPM



FINAL STATUS OF WELL

1 SUPPLY 6 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 7 ABANDONED, POOR QUALITY
3 TEST HOLE 8 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
9 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: Sand's well drill LICENCE NUMBER: 4767
ADDRESS: RTE 2 Corp
NAME OF DRILLER OR BORER: Sand LICENCE NUMBER: []
SIGNATURE OF CONTRACTOR: R Sand SUBMISSION DATE: 30 9 83 DAY MO YR

OFFICE USE ONLY

DATA SOURCE: [] CONTRACTOR: [] DATE RECEIVED: 12 06 84
DATE OF INSPECTION: [] INSPECTOR: []
REMARKS: []

WATER WELL RECORD

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

11 1518961 15005 CON 03
 COUNTY OR DISTRICT West TOWNSHIP, BOROUGH, CITY, TOWN West CON. BLOCK, TRACT, SURVEY, ETC. III LOT 218
 DATE COMPLETED DAY 30 MO 04 YR 84
 NG 221399 BC 4 ELEVATION 0310 BC 4 BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown loam				0	10
Soil				10	73
Grey & brown loam				73	100

MOE
VF 18

31 0910692 0073 28 0100215
 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
0080	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> SALTY	<input type="checkbox"/> MINERAL
0092	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> SALTY	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
5.25	PEEL	1.88	0	0.75

SCREEN

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

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST METHOD

1 PUMP 2 BAILER

PUMPING RATE 0050 GPM

DURATION OF PUMPING 01 HOURS 00 MINS

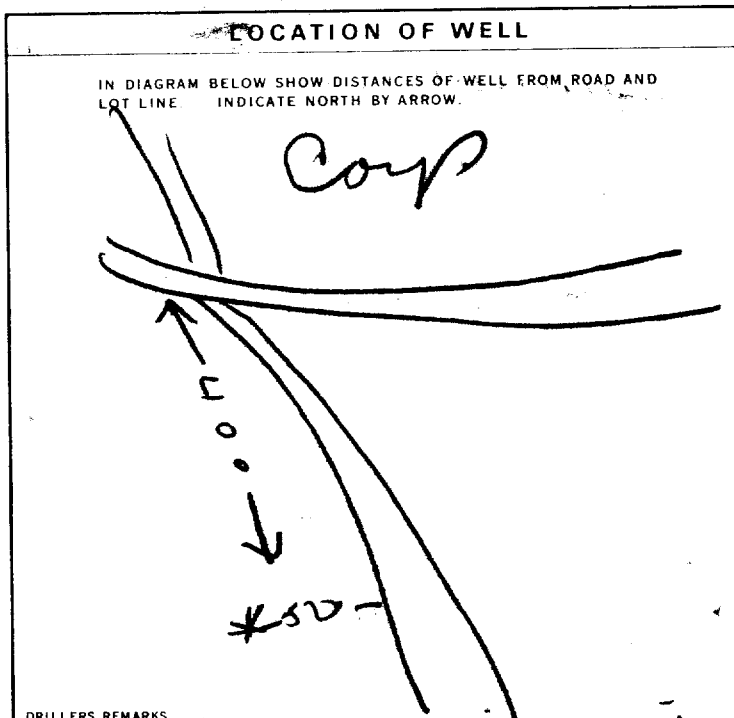
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
020	060	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FEET	FEET	FEET	FEET	FEET	FEET

IF FLOWING GIVE RATE 95 GPM

RECOMMENDED PUMP TYPE SHALLOW DEEP

RECOMMENDED PUMP SETTING 060 FEET

RECOMMENDED PUMPING RATE 0050 GPM



FINAL STATUS OF WELL 1

WATER USE 01

METHOD OF DRILLING 4

CONTRACTOR

NAME OF WELL CONTRACTOR Sands well drill LICENCE NUMBER 4767

ADDRESS RRTI 2 Comp

NAME OF DRILLER OR BOREH Sands LICENCE NUMBER

SIGNATURE OF CONTRACTOR R Sands 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

WATER WELL RECORD

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

11

1525403
HUNTLEY

MUNICIPALITY 15005

CON. 105
CON. 105

COUNTY OR DISTRICT: [REDACTED] TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: WEST CARLETON 5 CON. BLOCK, TRACT SURVEY ETC: 5 LOT: 18
DATE COMPLETED: 22 MO 3 YR 91
1977 DIAMONDVIEW ROAD

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	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 <input type="checkbox"/> FRESH	2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERALS	5 <input type="checkbox"/> GAS	6 <input type="checkbox"/>
15-18	1 <input type="checkbox"/> FRESH	2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERALS	5 <input type="checkbox"/> GAS	6 <input type="checkbox"/>
20-23	1 <input type="checkbox"/> FRESH	2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERALS	5 <input type="checkbox"/> GAS	6 <input type="checkbox"/>
25-28	1 <input type="checkbox"/> FRESH	2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERALS	5 <input type="checkbox"/> GAS	6 <input type="checkbox"/>
30-33	1 <input type="checkbox"/> FRESH	2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERALS	5 <input type="checkbox"/> GAS	6 <input type="checkbox"/>

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	1 <input checked="" type="checkbox"/> STEEL	1.88	0'	40'
6"	2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		40'	165'

SCREEN

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

61 PLUGGING & SEALING RECORD

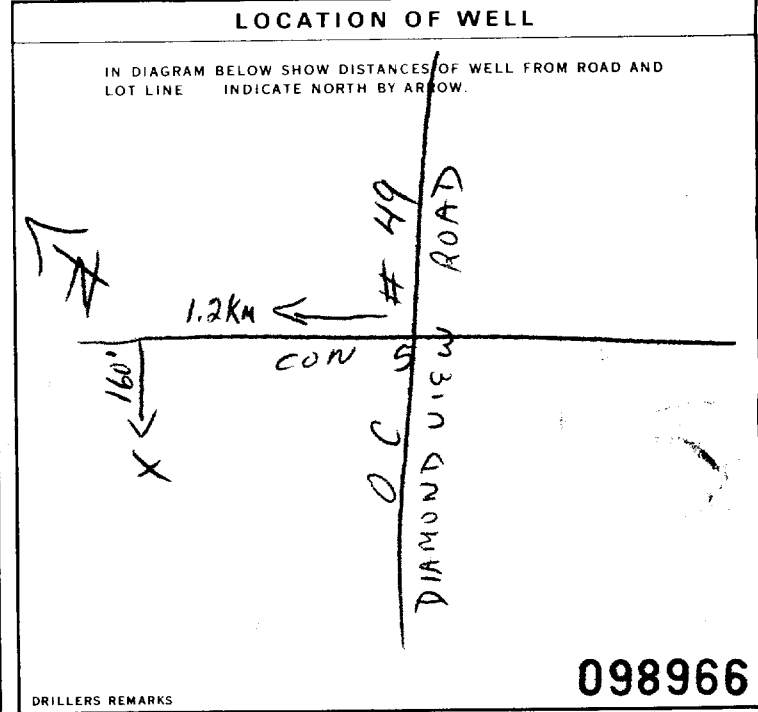
DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0-37	CLAY SLURRY
18-21	ROCK CUTTINGS

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER
PUMPING RATE: 6 GPM
DURATION OF PUMPING: 2 HOURS
PUMPING TEST: 1 PUMPING 2 RECOVERY

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING					
14 FEET	120 FEET	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
		26-28	29-31	32-34	35-37		
		120 FEET	120 FEET	120 FEET	120 FEET		

IF FLOWING, GIVE RATE: 38-41 GPM
PUMP INTAKE SET AT: 150 FEET
WATER AT END OF TEST: 42 FEET
RECOMMENDED PUMP TYPE: 1 SHALLOW 2 DEEP
RECOMMENDED PUMP SETTING: 43-45 FEET
RECOMMENDED PUMPING RATE: 46-49 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
8 DEWATERING

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 OTHER
6 COMMERCIAL
7 MUNICIPAL
8 PUBLIC SUPPLY
9 COOLING OR AIR CONDITIONING
10 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
10 DIGGING
11 OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: M. KAVANAGH & SON WELL DRILLING 3142
ADDRESS: R22 CARLETON PLACE
NAME OF WELL TECHNICIAN: MIKE KAVANAGH
SIGNATURE OF TECHNICIAN/CONTRACTOR: [Signature]
WELL CONTRACTOR'S LICENCE NUMBER: 3142
WELL TECHNICIAN'S LICENCE NUMBER: T-084
SUBMISSION DATE: DAY 25 MO 3 YR 91

OFFICE USE ONLY

DATA SOURCE: 58
CONTRACTOR: 62
DATE RECEIVED: MAY 02 1991
DATE OF INSPECTION: INSPECTOR:
REMARKS: CSS.ES

Address of Well Location (Street Number/Name, RR) 422 Donald Munro Drive Township West Carleton Place Lot 240 Part 25 Concession _____
 County/District/Municipality Ottawa Carleton City/Town/Village Carp Province Ontario Postal Code K0A1H0
 UTM Coordinates Zone Easting Northing GPS Unit Make Model Mode of Operation: Undifferentiated Averaged
 NAD 83 18 418 909 5021756 Magellan explorist 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	To
	topsoil	gravel	topsoil	0	0.6
brown	sand		medium sand	0.6	1.5
gray	clay		clay	1.5	6.0

BH 1 is monitoring well
BH 2 - no installation

Hole Details

Depth (Metres)		Diameter (Centimetres)
From	To	
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 _____

No Casing and Screen Used Yes No

Static Water Level Test _____ Metres

Construction Details

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

Screen

Galvanized Steel Fibreglass Concrete Plastic

Outside Diameter (Centimetres) 4.1 Slot No. 10

Water Details

Water found at Depth _____ Metres Gas Fresh Salty Sulphur Minerals

Water found at Depth _____ Metres Gas Fresh Salty Sulphur Minerals

Water found at Depth _____ Metres Gas Fresh Salty Sulphur Minerals

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	2.3	bentonite pellets	
2.3	6.0	filter sand	1/2 bag

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 1 Please indicate Number of Cluster Well Information Log Sheets Submitted _____
 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)

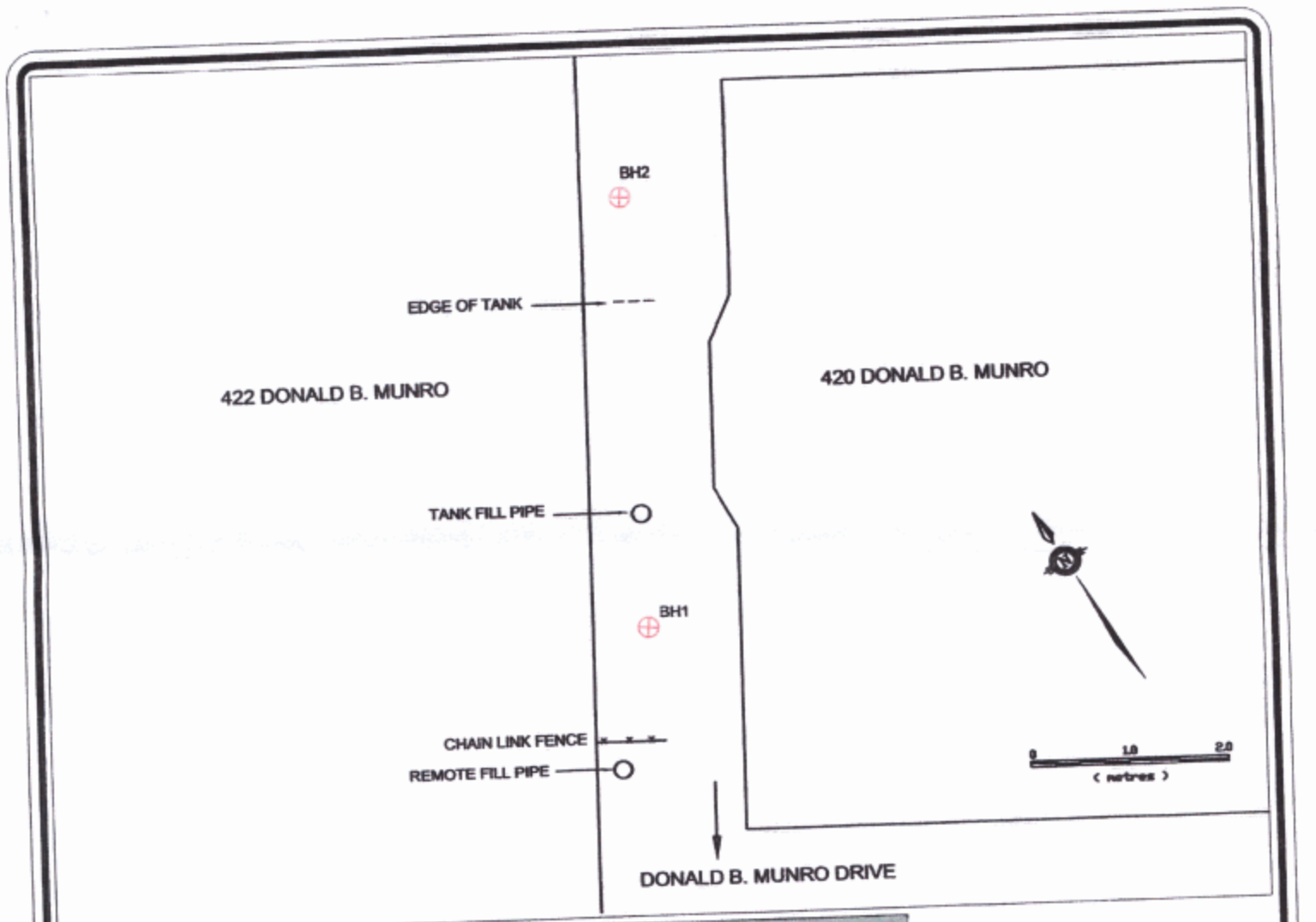
Consent to release additional information concerning the cluster to the Director upon request

Well Contractor and Well Technician Information

Business Name of Well Contractor OCS Inc Well Contractor's Licence No. 6964
 Business Address (Street No./Name, number, RR) 5518 Appleton Side Road Municipality Almonte
 Province Ontario Postal Code K0A1A0 Business E-mail Address ogs inc@bell net.ca
 Bus. Telephone No. (inc. area code) 6132567666 Name of Well Technician (Last Name, First Name) Ohlmann Wilk
 Well Technician's Licence No. 2594 Signature of Technician Wilk/Ohlmann Date Submitted (yyyy/mm/dd) 2008/08/08

Ministry Use Only

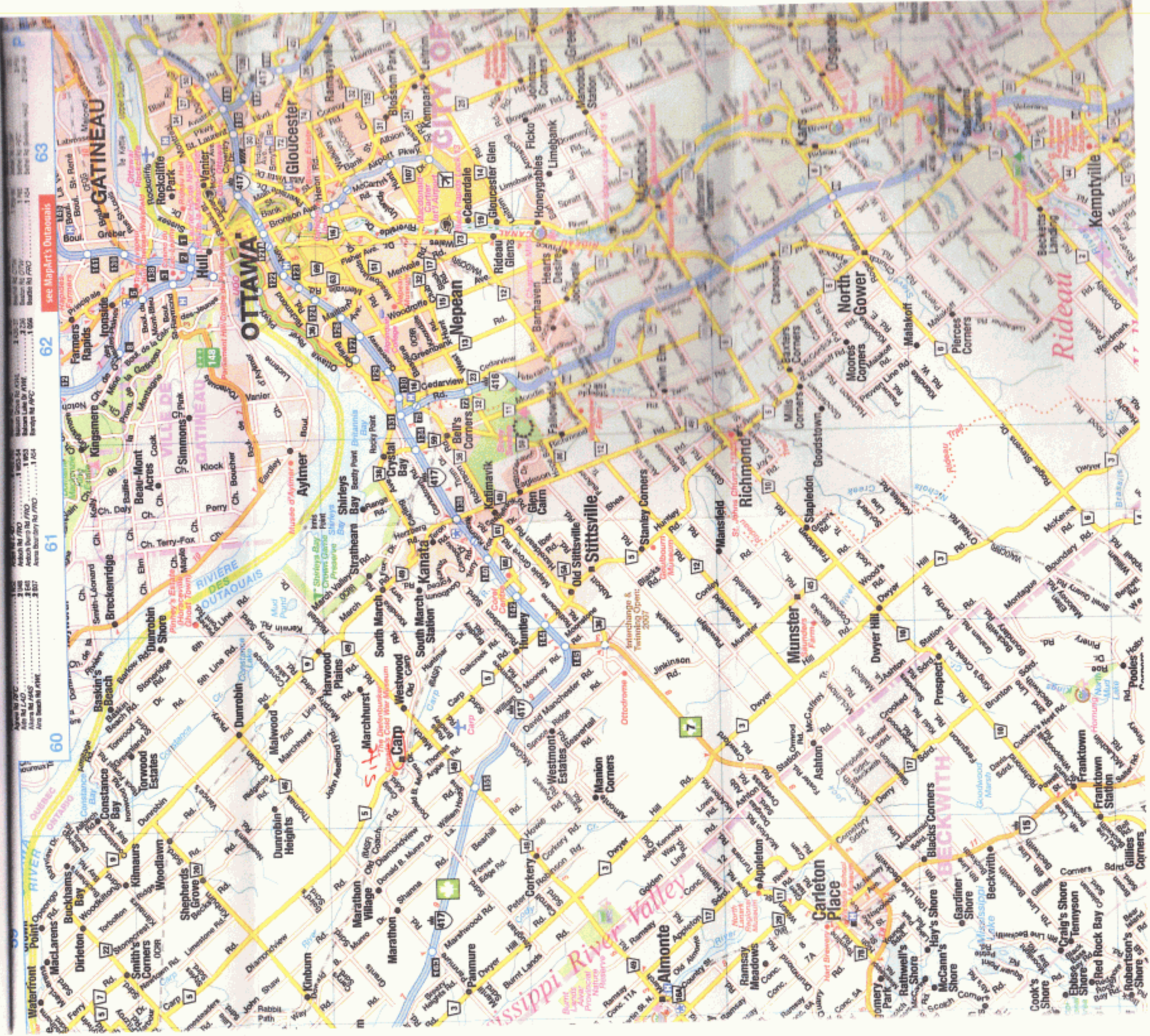
Audit No. M 03131 Well Contractor No. _____
 Date Received (yyyy/mm/dd) AUG 13 2008 Date of Inspection (yyyy/mm/dd) _____
 Remarks (A) MAPS



LEGEND:
 ⊗ BOREHOLE LOCATION

SITE PLAN
 422 DONALD B. MUNRO DRIVE
 CARP, ONTARIO

C-6964 AUG 13 2008 M 03131



see MapArt's Outdoors

62

61

60

AUG 13 2008

C-6964

M03131



W Tag#: A182602 (Below) A182602

Measurements recorded in: Metric Imperial

S-21062 Page of

Address of Well Location (Street Number/Name) 461 Donald B Monroe Township Lot Concession
County/District/Municipality City/Town/Village Carp Province Ontario Postal Code
UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)
Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space
Table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³)

Method of Construction Well Use
Cable Tool, Rotary (Conventional), Rotary (Reverse), Boring, Air percussion, Other, specify direct push
Diamond, Jetting, Driving, Digging
Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other, specify

Construction Record - Casing
Table with columns: Inside Diameter (cm/in), Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel), Wall Thickness (cm/in), Depth (m/ft) From, To; Status of Well

Construction Record - Screen
Table with columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From, To; Status of Well

Water Details Hole Diameter
Water found at Depth (m/ft) Kind of Water: Fresh Untested Gas Other, specify
Depth (m/ft) From To Diameter (cm/in)

Well Contractor and Well Technician Information
Business Name of Well Contractor: Strata Drilling Group
Well Contractor's Licence No.: 7241
Business Address (Street Number/Name): 105 Shred's Court
Municipality: Markham
Province: ON Postal Code: L3R8V2 Business E-mail Address: Wrecords@stratadrilling.com

Bus. Telephone No. (inc. area code): 905-940-7919 Name of Well Technician (Last Name, First Name): Halladay Phil
Well Technician's Licence No.: 3832 Signature of Technician and/or Contractor: [Signature] Date Submitted: 2017/11/16

Results of Well Yield Testing
Table with columns: Draw Down (Time (min), Water Level (m/ft)), Recovery (Time (min), Water Level (m/ft))
Includes sections for: After test of well yield, water was; If pumping discontinued, give reason; Pump intake set at; Pumping rate; Duration of pumping; Final water level end of pumping; If flowing give rate; Recommended pump depth; Recommended pump rate; Well production; Disinfected?

Map of Well Location
Please provide a map below following instructions on the back.
See MAP
HW 2

Ministry Use Only
Audit No.: Z268044
Date Package Delivered: YYY Y MM DD
Date Work Completed: 2017/11/07
Received: DEC 22 2017

Map

Description for your map.



- Legend**
- 461 Donald B. N
 - Alice's Village C
 - Bank of Nova Sc
 - Camp / Donald B
 - Dave's Truck &
 - DRY CLEANER
 - Gloss Hair Salon
 - LOBO
 - Swan At Camp T
 - The Swan at Ca
 - Untitled Polygon

C-7241 Z-268044

2017 2 2 2 2 2 2

Earth

Google

200 ft

S-21062



We Tag#: A182601 Below A182601

Measurements recorded in: [x] Metric [] Imperial

Address of Well Location (Street Number/Name) 461 Donald B Monroe Township Lot Concession
County/District/Municipality Carp Province Ontario Postal Code
UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)
Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space
Table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³)

Results of Well Yield Testing
Table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level); Pumping rate; Duration of pumping; Final water level end of pumping; Recommended pump depth; Recommended pump rate; Well production; Disinfected?

Method of Construction Well Use
List of construction methods and well uses with checkboxes.

Construction Record - Casing
Table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To; Status of Well

Construction Record - Screen
Table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To; Status of Well

Water Details Hole Diameter
Table with columns: Water found at Depth (m/ft), Kind of Water, Depth (m/ft) From, To, Diameter (cm/in)

Well Contractor and Well Technician Information
Business Name of Well Contractor: Strata Drilling Group
Well Contractor's Licence No.: 7241
Business Address: 165 Shields Court, Markham

Well owner's information package delivered
Date Package Delivered: 2017/11/07
Date Work Completed: 2017/11/07

Map of Well Location
Please provide a map below following instructions on the back.
See map
Mw 1

Ministry Use Only
Audit No. Z268043
DEC 22 2017



C-7241 Z-268043

DEC 22 2017



Measurements recorded in: Metric Imperial

A269012

S-23657

Page ___ of ___

Well Owner's Information

First Name, Last Name / Organization (Karson Holdings Inc.), E-mail Address, Mailing Address (3232 Carp Road), Municipality (Carp), Province (ON), Postal Code (K0A1L1L0), Telephone No.

Well Location

Address of Well Location (3725 Carp Road), Township (Carp), Lot, Concession, City/Town/Village (Carp), Province (Ontario), Postal Code, UTM Coordinates (Zone 18, Easting 418807, Northing 21645), Municipal Plan and Sublot Number

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include gravel, sand, silt, loose, soft, dense.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Rows include concrete/mushroom, bentonite, filter sand.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes pumping rate, duration, and final water level.

Method of Construction and Well-Use checkboxes. Includes Cable Tool, Rotary, Boring, Air percussion, and various well uses like Domestic, Commercial, Test Hole.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To. Includes Status of Well checkboxes.

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To.

Water Details and Hole Diameter tables. Water Details include depth and kind of water. Hole Diameter includes depth and diameter.

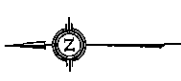
Well Contractor and Well Technician Information. Includes Business Name (Strata Drilling Group), Well Contractor's Licence No. (7241), Business Address (165 Shields Court), Municipality (Municipality of Carleton Place).

Well Technician Information. Includes Business E-mail Address (wrecords@stratasoi.com), Name of Well Technician (McLoy, James), Well Technician's Licence No. (71101), Signature, Date Submitted (20190610).

Map of Well Location. Includes instructions to provide a map and handwritten note 'See Map MW1'.

Ministry Use Only. Includes Audit No. (Z311165), Date Package Delivered (20190630), Date Work Completed (20190630), and Receiver's name.

LEGEND



ENVIRONMENTAL INFRASTRUCTURE
300-310 COLONIALE 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.	1237/00A	SCALE	1:1500
FIGURE NO.	XX		



JUL 23 2019

591187-1227-0

NOTES: PROJECT 1237/00A, DRAWN BY XXX, CHECKED BY XXX, DATE XXX, SCALE 1:1500, FIGURE NO. XX



Measurements recorded in: Metric Imperial

A269014

Tag#: A269014

S-23657

Well Owner's Information

First Name, Last Name / Organization (Karson Holdings Inc.), E-mail Address, Mailing Address (3232 Carp Road), Municipality (Carp), Province (ON), Postal Code (K0A1L0), Telephone No.

Well Location

Address of Well Location (3725 Carp Road), Township, Lot, Concession, City/Town/Village (Carp), Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entries for gravel, sand, silt, loose, soft, dense.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes handwritten entries for concrete/bushmount, bentonite, filter sand.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes handwritten entries for pumping rate, duration, and water levels.

Method of Construction and Well Use checkboxes. Includes handwritten 'Direct Push' under Other.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To. Includes handwritten entries for PVC, 368, 0, .91.

Map of Well Location

Please provide a map below following instructions on the back. see map MW2

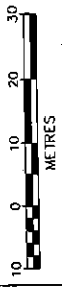
Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To. Includes handwritten entries for PVC, 10, .91, 3.1.

Water Details and Hole Diameter tables. Includes handwritten entries for water depth, kind of water, and hole diameter (8.89).

Well Contractor and Well Technician Information. Includes Business Name (Strata Drilling Group), Well Contractor's Licence No. (71241), Business Address (165 Shields Crt), Well Technician (James McLoon), and Date Submitted (20190610).

Ministry Use Only section. Includes Audit No. (2311166), Date (JUL 23 2019), and Received signature.

LEGEND



ENVIRONMENT & INFRASTRUCTURE
2220 CUMMER ST. W.
OTTAWA, ONTARIO, CANADA

TITLE

PROPOSED BOREHOLE LOCATIONS

PROJECT

ENVIRONMENTAL SITE ASSESSMENT

CUSTOMER

DESIGNED BY	XXX	DRAWN BY	XXX
CHECKED BY	XXX	DATE	XXX
PROJECT NO.	T237/AXX	SCALE	1:750
FIGURE NO.			XX



JUL 23 2019

2911182-1757-C

NOT FOR PROJECT/SUBMITTALS PROJECT/SITZ 1653, KARSON, CARP, ROAD 11, CARLSON DRAWINGS - PROPOSED.DWG



Well Tag No. (Place Sticker and/or Print Below) **A268950**

Measurements recorded in: Metric Imperial

Well Owner's Information

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

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

Well Location

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

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

UTM Coordinates: Zone **18** Easting **4188** Northing **845021595** Municipal Plan and Sublot Number: _____ Other: _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
BRN	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)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 .31	concrete/flushmount	
.31 .76	bentonite	
.76 3.1	silt & sand	

Results of Well Yield Testing

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

If pumping discontinued, give reason: _____

Time (min)	Draw Down		Recovery	
	Water Level (m/ft)	Time (min)	Water Level (m/ft)	Time (min)
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		

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

Method of Construction

Cable Tool Diamond Public Commercial Not used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air-percussion Industrial Other, specify _____
 Other, specify **Direct Push**

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
4.03	PVC	.368	0	.91	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

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

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Hole Diameter
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft) From To Diameter (cm/in)
		0 3.1 8.89

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name): **165 shields crt** Municipality: **Markham**

Province: **ON** Postal Code: **L3R8V2** Business E-mail Address: **wrecords@strataoil.com**

Bus. Telephone No. (inc. area code): **9059407919** Name of Well Technician (Last Name, First Name): **McLoy, JAMES**

Well Technician's Licence No.: **7101** Signature of Technician and/or Contractor: _____ Date Submitted: **20190602**

Map of Well Location

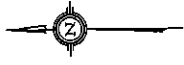
Please provide a map below following instructions on the back.

See Map MW3

Comments: _____

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered	Ministry Use Only
	Date Work Completed	
	20190531	Audit No. 2311167
		JUL 23 2019
		Received _____

LEGEND



ENVIRONMENTAL INFRASTRUCTURE
DIVISION
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.	123456	SCALE	1:750
FIGURE NO.		XX	



JUL 23 2013

Handwritten signature or initials: C-721115

NOTES: PROJECT 150159 PROJECT 171553, KARSON, CARP ROAD 11, CARP, ONTARIO, CANADA - PROPOSED DMS



Measurements recorded in: Metric Imperial

226695) Tag#: A268951

5-23657 Page of

Well Owner's Information

First Name, Last Name / Organization (Kearson Holdings Inc), E-mail Address, Well Constructed by Well Owner, Mailing Address (2232 Carp Road), Municipality (Carp), Province (ON), Postal Code (K0A1L0), Telephone No.

Well Location

Address of Well Location (3725 Carp Road), Township, Lot, Concession, City/Town/Village (Carp), Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes entries for gravel, sand, silt, loose, soft, dense.

Annular Space

Table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Includes entries for concrete/cushmount, bentonite, Ritec sand.

Method of Construction, Well Use. Includes checkboxes for Cable Tool, Rotary, Boring, etc., and Public, Commercial, Domestic, etc.

Construction Record - Casing

Table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Includes entry for PVC casing.

Construction Record - Screen

Table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Includes entry for PVC screen.

Results of Well Yield Testing

After test of well yield, water was: Draw Down, Recovery, Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

Map of Well Location

Please provide a map below following instructions on the back. See Map MLW 4

Water Details

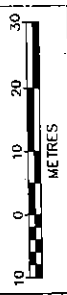
Table with columns: Water found at Depth (m/ft), Kind of Water (Fresh, Untested, Gas, Other), Hole Diameter (Depth (m/ft) From, To, Diameter (cm/in)).

Well Contractor and Well Technician Information

Business Name of Well Contractor (Strata Drilling Group), Well Contractor's Licence No. (7241), Business Address (165 Shields crt), Province (ON), Postal Code (L3R8V2), Business E-mail Address (wrecords@stratasoil.com), Bus. Telephone No. (9059407919), Name of Well Technician (McLoy, James), Well Technician's Licence No. (7101), Signature of Technician and/or Contractor, Date Submitted (20190600)

Well owner's information package delivered, Date Package Delivered, Date Work Completed, Ministry Use Only (Audit No. 2311168, Received JUL 23 2019)

LEGEND



ENVIRONMENT & INFRASTRUCTURE
DIVISION
1000 BANKERS BUILDING
OTTAWA, ONTARIO, CANADA

TITLE

PROPOSED BOREHOLE LOCATIONS

PROJECT

ENVIRONMENTAL SITE ASSESSMENT

CUSTOMER

DESIGNED BY	XXX	EXAMINED BY	XXX
CHECKED BY	XXX	DATE	XXX
PROJECT NO.	1237900	SCALE	1:750
DRAWING NO.	XX		



NOTES: PROJECTS01519PROJECTS171583_KARSON_CARP_040111_CADKARSON DRAWINGS - PROPOSED.DWG

JUL 23 2019

8011371724-C

Measurements recorded in: Metric Imperial

A269017

Tag#: A269017

S-23657

Page _____ of _____

Well Owner's Information

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

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

Well Location

Address of Well Location (Street Number/Name) **3705 Carp Road** Township _____ Lot _____ Concession _____

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

UTM Coordinates Zone **18** Easting **418834** Northing **5021630** Municipal Plan and Sublot Number _____ Other _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
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)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 .31	concrete/plushment	
.31 .76	bentonite	
.76 3.1	filter sand	

Method of Construction

Cable Tool Diamond Public Commercial Not used

Rotary (Conventional) Jetting Domestic Municipal Dewatering

Rotary (Reverse) Driving Livestock Test Hole Monitoring

Boring Digging Irrigation Cooling & Air Conditioning

Air percussion Industrial Other, specify _____

Other, specify **Direct Push**

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
4.03	PVC	.368	0	.91	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

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

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> 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 **Strake Drilling Corp** Well Contractor's Licence No. **71241**

Business Address (Street Number/Name) **165 shields crt** Municipality **Markham**

Province **ON** Postal Code **L3R8V2** Business E-mail Address **wrc@strakeoil.com**

Bus. Telephone No. (inc. area code) **905 940 2919** Name of Well Technician (Last Name, First Name) **McLoy, JAMES**

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

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
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? <input type="checkbox"/> Yes <input type="checkbox"/> No	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 owner's information package delivered Yes No

Date Package Delivered **2019 06 31**

Date Work Completed _____

Ministry Use Only

Audit No. **311140**

JUL 23 2019

Received _____

LEGEND



JUL 23 2019

0751127 11724-0

NOT FOR PROJECTS OR SITE VISITS 1953, JARSON, CARP, RICHARD I. CADKARSON DRAWINGS - PROPOSED DWG

ENVIRONMENT & INFRASTRUCTURE
2520 COLLEGE AVENUE
OTTAWA, ONTARIO, CANADA

PROPOSED BOREHOLE LOCATIONS

ENVIRONMENTAL SITE ASSESSMENT

DESIGNED BY	XXX	DRAWN BY	XXX
CHECKED BY	XXX	DATE	XXX
PROJECT NO.	1237XXX	SCALE	1:750
FIGURE NO.		XX	

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)

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

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,



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

EXPLORE THE POSSIBILITIES WITH US AND VISIT OUR REFRESHED WEBSITE TODAY

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.



File Number: D06-03-23-0016

January 18, 2024

Nick Sullivan
Paterson

Sent via email nsullivan@patersongroup.ca

Dear Mr. Sullivan,

**Re: Information Request
3711, 3715, 3719, 3725 Carp Road, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation:

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

- **Environmental Remediation Unit:** The Environmental Remediation Unit has Phase I Environmental Site Assessment report for this property (Paterson, 2010).
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** The City’s Sewer Use Program has found the following information pertaining to the subject property: Carp River Spill

Documents Provided:

HLUI Summary Report and HLUI Map

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

For more information on how to interpret the HLUI data identified in the attached excel sheet (‘ADDRESS – HLUI Summary report.xlsx’), please refer to the [Overview and User Guide.](#)”

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

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

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

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

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

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

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

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

Sincerely,

Samantha Gatchene, MCIP RPP
Planner

Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

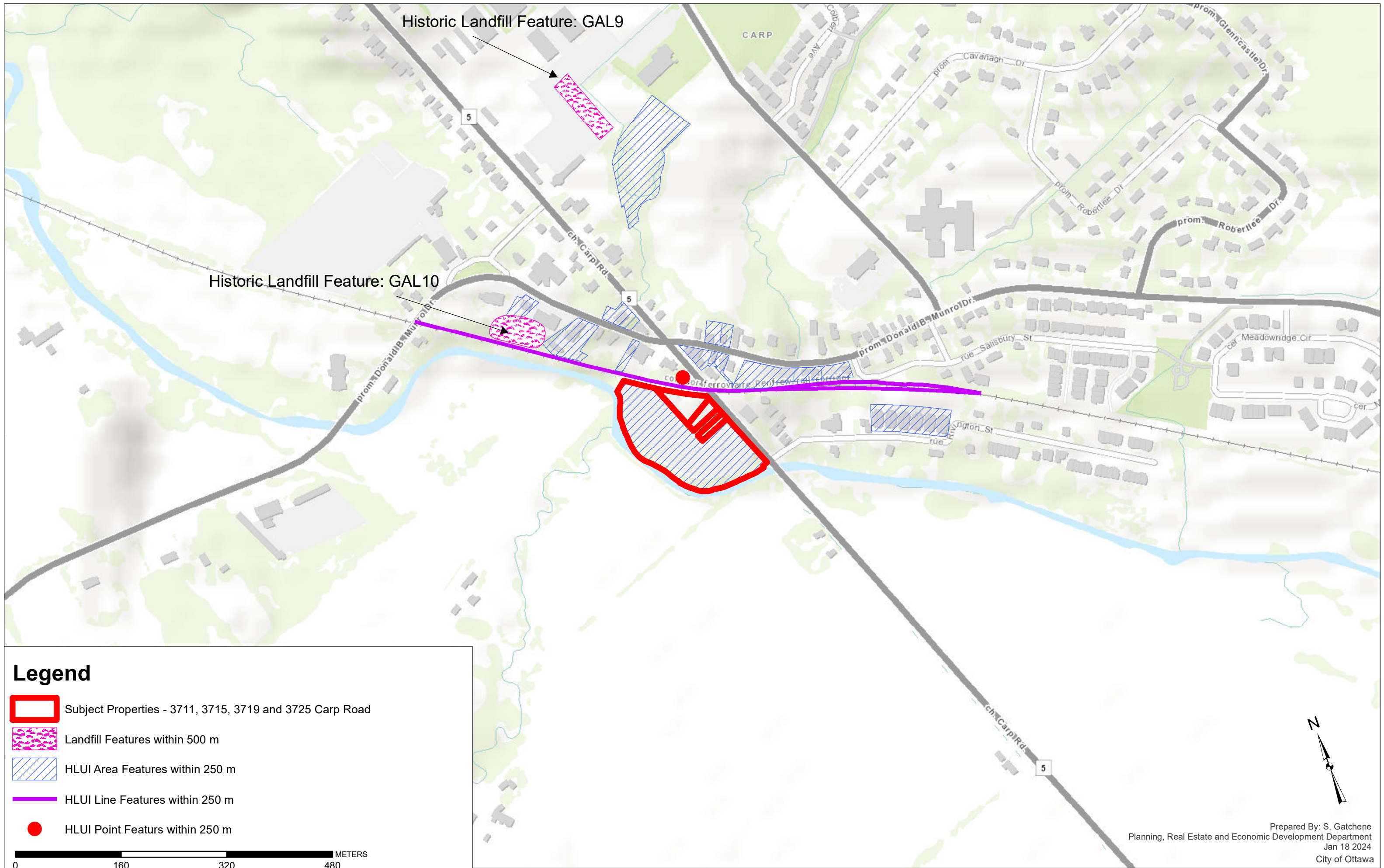
MB / SG

Enclosures: (2)






1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0016

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



Legend

-  Subject Properties - 3711, 3715, 3719 and 3725 Carp Road
-  Landfill Features within 500 m
-  HLUI Area Features within 250 m
-  HLUI Line Features within 250 m
-  HLUI Point Features within 250 m

0 160 320 480 METERS

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_OR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_OR2017	POSTAL_CODE2017	PK2017	MUNICIPALITY2017	NACS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
5313	ZIMRACE	Manufacturing	2006-ES	1			421	DONALD B. MUNDR	DR			421	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	337110			171.1812413	933.4707376
5324	MCNEELYS OUTDOOR POWER EQUIPME	Small engine repair serv	2001-ES; 2006-ES; 2012-ES	1			469	DONALD B. MUNDR	DR			469	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	444210; 447110			132.3965007	1019.192752
5351	WEST CARLETON SAND & GRAVEL	Sand and gravel quarry	2006-ES	1			3725	CARP	RD			3725	CARP	RD				4.5E+07	WEST CARLE1	212323			746.0040324	19575.91571
5650	NANOTECH PUBLISHING CORP	Information and cultural in	2006-ES	1			412	DONALD B. MUNDR	DR			412	DONALD B. MUNDR	DR			K0A1L0	4.5E+07	WEST CARLE1	511130			101.9471702	562.5147598
6116	ZIMRACE FURNITURE	Sash, Door and Other Mill	2001-ES	1	2001	c. 2001	416	DONALD B. MUNDR	DR	CARP		416	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	337110			114.5684634	797.0607198
6117	SPINDLERS FURNITURE	Household Furniture Indus	2001-ES; 2003-PID; 2006-ES; 2	1	2003	c. 2001; c.	416	DONALD B. MUNDR	DR	CARP		416	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	337123; 442110			114.5684634	797.0607198
6120	BLACKSMITH	Blacksmith	1897-FIP-Carp	1	1897	FIP 1897-Carp	413	DONALD B. MUNDR	DR			413	DONALD B. MUNDR	DR				4.5E+07	WEST CARLETON				141.1501938	513.4146986
6197	CARP FLOUR MILLS FEED STORE	Fruit and Vegetable Indus	1897-FIP; 1908-Carp; 1927-199-	1	1897-2001	c. 1927-19	405	DONALD B. MUNDR	DR	CARP		405	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	311111; 311111	105		324.707222	3513.56222
6246	CARP QUALITY CLEANERS	Dry Cleaners	1994-1998-PID; 1998-SC; 2001-	1	2001	ES 2001	449	DONALD B. MUNDR	DR			449	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	812320			241.5550245	3003.515757
6247	STAR FASHION CLEANERS	Other-Dry Cleanse	1994-PID; 1998-SC; 2003-PID; ;	1	1994-2011	ES; 2006	449	DONALD B. MUNDR	DR			449	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	812320			241.5550245	3003.515757
6250	MOBILE AD CANADA LTD	Signs (Metal), Signs (Plas	2004-GWStudy	1	2004	GW Study 2004	435	DONALD B. MUNDR	DR	CARP		435	DONALD B. MUNDR	DR			K0A1L0	4.5E+07	WEST CARLE1	339950	3993	435 Donald B Munnd Rd	129.2562983	588.8779553
7199	CO-OP	Agricultural Supplies, Wh	2001-ES; 2004-GWStudy	1	2001	c. 2001	135	RIVINGTON	ST	CARP		135	RIVINGTON	ST			K0A1L0	4.5E+07	WEST CARLE1	444220			317.1893978	4860.140442
7240	PREMIER BUS LINES INC	Public Passenger Transit	2001-ES	1	2001	c. 2001	3783	CARP	RD			3783	CARP	RD				4.5E+07	WEST CARLE1	485410			156.8846978	1305.957758
7341	IMPACT IMPRINTS	Commercial Printing Indus	2001-ES	1	2001	c. 2001	3783	CARP	RD			3783	CARP	RD				4.5E+07	WEST CARLE1	323119			156.8846978	1305.957758
7597	CARP PLAZA	Waste Disposal Site	2004-Ottawa-Golder; 2017-Cityr	1			475	DONALD B. MUNDR	DR			475	DONALD B. MUNDR	DR				4.5E+07	WEST CARLETON			former Twp. Huntley, Con 2, Lot 18; reportedly behir	217.5714287	3128.705097
7598	CEMETARY	Cemetery	1976-Topo; 2017-AirPhoto	1	1979-2011	1979 Topographic Map	3774	CARP	RD			3774	CARP	RD				4.5E+07	WEST CARLETON				505.5242425	11310.34248
9191	CNR COAL SHEDS	Railway Transport and Rel	HTHS-Carp60YearsAgo	1	1934	c. 1934	0	DONALD B. MUNDR	DR	WEST CA		385	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	482112; 482111	453		132.8611376	937.7694122
9193	146152 ONTARIO INC	Motor Vehicle Repair Shq	2005-PropertyAssessment	1	2005	c. 2005	421	DONALD B. MUNDR	DR	TOWNSH		421	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	811111; 811112; 811119; 811121; 811199			171.1812413	933.4707376
9194	GAMBLES GARAGE	Motor Vehicle Repair Shq	HTHS-Carp60YearsAgo; HTHS-	1	1925-1991	c. 1925-19	421	DONALD B. MUNDR	DR	WEST CA		421	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	811112; 811111	635		171.1812413	933.4707376
9195	J SPINDLER CUSTOM FURNITURE LIMITEE	Household Furniture Indus	2003-PID	1	2003	c. 2003	421	DONALD B. MUNDR	DR	CARP		421	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	337123			171.1812413	933.4707376
9198	CARRIAGE SHOP	Carrage Shop	1908-FIP-Carp	1	1908	FIP 1908-Carp	415	DONALD B. MUNDR	DR	WEST CA		415	DONALD B. MUNDR	DR				4.5E+07	WEST CARLETON				55.45582306	166.0908417
9234	THEBAU AND WEEDMARK	Motor Vehicle Repair Shq	1999-HTHSMember-Jan25; HTH	1	1930-1971	c. 1930-19	461	DONALD B. MUNDR	DR	WEST CA		469	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	811112; 811111	635		132.3965007	1019.192752
9235	MC NEELYS OUTDOOR POWER EQUIP	Farm Machinery, Equipm	2001-ES	1	2001	c. 2001; c.	469	DONALD B. MUNDR	DR	CARP		469	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	417110; 444210; 444220			132.3965007	1019.192752
9338	KARSON KARTAGE & KONSTRUCTION	Industrial Construction (O	1990/91-WCTD; 1998-SC; 1998	1	1990-2011	c. 1990-19	3725	CARP	RD			3725	CARP	RD				4.5E+07	WEST CARLE1	212314; 212319; 81; 82; 412; 421; 456			746.0040324	19575.91571
9339	KEN WHITE CONSTRUCTION LIMITED	Site Work	1998-SC; 2001-ES	1	1998-2001	c. 1998	3707	CARP	RD	WEST CA		3725	CARP	RD				4.5E+07	WEST CARLE1	238390; 238998	421		746.0040324	19575.91571
17844	NYBERT IRVINE SERVICE STATION	Gasoline Service Stations	HTHS-HuntleyBlackandWhite<	2	1930-1971	c. 1930-19	0	DONALD B. MUNDR	DRIVE	WEST CA		405	DONALD B. MUNDR	DR				4.5E+07	WEST CARLE1	447110; 447191	633		324.6646471	3531.240708

HLII SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NUM_E	INSTALLATION_DATE	INSTALLATION_JOB	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_2	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPERATUREID	CAPACITY_UOM	MUNICIPALITY	POSTCODE
1152	KARSON KARTAGE & KI Gasoline Station - Self: AST	Gasoline Station		diesel	10000	Licensed	Active	TSSA	3725	CARP		RD		341220.0412	5022786.954				Steel	ST8264				1994						
1153	KARSON KARTAGE & KI Gasoline Station - Self: AST	Gasoline Station		diesel	25000	Licensed	Active	TSSA	3725	CARP		RD		341220.0412	5022786.954				Steel	ST8265				1994						
8293	KARSON KARTAGE & KI Private Fuel Outlet	Private Fuel Outlet		diesel	18184	Licensed	Current	GW Study 2004	3725	CARP		RD	<Null> 3725 CARP RD	333238.9042	5015163.843									19830401	Private		181 L	CARP	KOA ILO	
8294	KARSON KARTAGE & KI Private Fuel Outlet	Private Fuel Outlet		diesel	9092	Licensed	Current	GW Study 2004	3725	CARP		RD	<Null> 3725 CARP RD	333238.9042	5015163.843									19830401	Private		182 L	CARP	KOA ILO	
8295	KARSON KARTAGE & KI Private Fuel Outlet	Private Fuel Outlet		gasoline	9092	Licensed	Current	GW Study 2004	3725	CARP		RD	<Null> 3725 CARP RD	333238.9042	5015163.843									19830401	Private		183 L	CARP	KOA ILO	

HLUI SUMMARY REPORT
 LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
288	City of Ottawa	Railway				358.8987
289	City of Ottawa	Railway				0.114532
290	City of Ottawa	Railway				98.27704
291	City of Ottawa	Railway				0.262985
292	City of Ottawa	Railway				87.79083
293	City of Ottawa	Railway				326.3009
294	City of Ottawa	Railway				324.2246

HLUI SUMMARY REPORT
AREA FEATURES

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City's Old Landfill Management Strategy report (OLMS, 2004). Contact the City's Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
ACTIVITY2	GAL 9
ACTIVITYID	GAL 9
ADJACENT_INDUSTRY	none based on available information
ADJACENT_LANDUSE	institutional (Carp Agricultural Society) in the immediate vicinity; residential (rural), institutional (church) and agricultural land in the surroundings; the zoning is R5-1 (h) (residential) in the general area of the site.
ADJACENT_OWNER	St. James church and cemetery grounds (3774 Carp Rd) to the east and southeast; Huntley Curling Club (3806 Carp Rd) to the northeast
ANDERSONSWASTEDISPOSALSITES_ID	-
COMMONNAME	Fairgrounds Dump
COMMONNAME_FR	Dépotoire Fairgrounds
CONCENTRTN	no known monitoring
DEPTH_TO_BEDROCK	15 to 50 m to igneous and metamorphic bedrock or interbedded bioclastic limestone, crystalline limestone and shale
DEPTH_TO_GROUNDWATER	unknown
DISTANCE_TO_SURFACE_WATER	Carp River 420 metres to the south
ECOLOGICAL	none identified
FORMER_MUN	<null>
G_GENERATION	<null>
G_NEXT_VERSION	<null>
G_VERSION	0
GLOBALID	{1ADCD9B9-0A62-4922-9FD7-A72960EFBC76}
GROUNDWATER_FLOW_DIRECTION	probably to the south towards Carp River
INFORMATION_SOURCE	<null>
LANDFILL_1998_ID	_60045P
LOCATION	former Twp. Huntley, Con 2 , Lot 18; "Fair Ground" on Carp Agricultural Society property (3790 Carp Rd); garbage was dumped in former ravine, which was 8-9 m deep [Brian Carry]
LOCTN_REF	<null>
MAGNITUDE	no known monitoring
METHANE	no measurement available; not likely to be a concern given age of site
MOE_ID	-
OBJECTID	106
OPERATIONAL_PERIOD	not known precisely; likely prior to 1940's; certainly before 1946 [aerial photo]
OPERATOR	Township of Huntley (no formal operation of dump)
OTHER_INFO	A drain was installed in original location of ravine/stream in 1997 or 1998 [Brian Carry].
OTHERREF	personal communication with Brian Carry, West District supervisor
OVERBURDEN	reworked glaciofluvial sand and possibly marine deposits, clay and silt
OWNER	Carp Agricultural Society
OWNERCATEGORY	Institutional
PARAMETERS	no known monitoring
PARENT_ID	<null>
PHYSICAL	grounds are currently well leveled and covered with gravel/sand fill
ROAD_NAME	<null>
ROAD_TYPE	<null>
SERVICE_AREA	Village of Carp
SHAPE	Polygon
SHAPE_AREA	2910.027221
SHAPE_LEN	267.181527
SITE_ACCES	Dépotoire Fairgrounds
SITE_ALIAS	Wc-05
SITE_COORD	area not fenced, but wastes were buried under several metres of clean fill
SITE_ID_FR	Fairgrounds Dump
SITE_IDENTIFICATION	<null>
SITE_NAME	Wc-05
SITE_NAME_FR	Fairgrounds Dump
SITE_STATUS	Confirmed
SIZE_HA	unknown; probably of limited dimensions
SOIL_COVER	ravine was in filled and wastes covered with 8 to 9 metres of clean fill [Brian Carry]
TOPOGRAPHY	flat terrain in the immediate vicinity (originally ravine)
UNIQUEID	Fairgrounds DumpWc-05
UTM_NAD27_E_NOTE	<null>
UTM_NAD27_EASTING	418690
UTM_NAD27_N_NOTE	<null>
UTM_NAD27_NORTHING	5021880
WASTEDEPTH	likely less than 1 m
WASTETYPE	domestic wastes
WATER_SUPPLY	communal well used for purposes of water on-site; to the E may be on private wells

HLUI SUMMARY REPORT
AREA FEATURES

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City's Old Landfill Management Strategy report (OLMS, 2004). Contact the City's Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
ACTIVITY2	GAL 10
ACTIVITYID	GAL 10
ADJACENT_INDUSTRY	none based on available information
ADJACENT_LANDUSE	commercial to the north; rail way immediately south; the zoning is C1 (commercial) in the general area of the site.
ADJACENT_OWNER	McNeely's Outdoor Power Equipment (469 Donald B. Munro Dr.) to the northwest; Carp Ambulance and Fire Station (475 Donald B. Munro Dr.) to the southwest; closed commercial building (449 Donald B. Munro Dr.) to the east
ANDERSONSWASTEDISPOSALSITES_ID	
COMMONNAME	Carp Plaza
COMMONNAME_FR	Carp Plaza
CONCENTRTN	no known monitoring
DEPTH_TO_BEDROCK	25 to 50 m to interbedded bioclastic limestone, crystalline limestone and shale
DEPTH_TO_GROUNDWATER	unknown
DISTANCE_TO_SURFACE_WATER	Carp River approximately 25 metres south of reported old dump site location
ECOLOGICAL	Carp River ecosystem
FORMER_MUN	<null>
G_GENERATION	<null>
G_NEXT_VERSION	<null>
G_VERSION	0
GLOBALID	{EE1C33F2-487D-459A-A68D-3F32418ECEB7}
GROUNDWATER_FLOW_DIRECTION	likely south towards Carp River
INFORMATION_SOURCE	<null>
LANDFILL_1998_ID	_60045Q
LOCATION	former Twp. Huntley, Con 2 , Lot 18; reportedly behind current plaza building (461 Donald B Munro Dr.); garbage was dumped in former ravine
LOCTN_REF	<null>
MAGNITUDE	no known monitoring
METHANE	no measurement available
MOE_ID	-
OBJECTID	102
OPERATIONAL_PERIOD	not known precisely; likely prior to 1940's
OPERATOR	Township of Huntley (no formal operation of site)
OTHER_INFO	none
OTHERREF	personal communication with local resident
OVERBURDEN	clay and silt with gravel and sand immediately west and north of site
OWNER	Carp Plaza Ltd. (461 Donald B. Munro Dr.) and possibly City of Ottawa (Ambulance Post Carp and Fire Station 64 - Carp: 475 Donald B. Munro Dr.)
OWNERCATEGORY	Private and possibly City
PARAMETERS	no known monitoring
PARENT_ID	<null>
PHYSICAL	site is approx. located in the back yard of Carp Plaza; partial bush cover on site
ROAD_NAME	<null>
ROAD_TYPE	<null>
SERVICE_AREA	Village of Carp
SHAPE	Polygon
SHAPE_AREA	3128.705097
SHAPE_LEN	217.571429
SITE_ACCES	Carp Plaza
SITE_ALIAS	Wc-10
SITE_COORD	area not fenced, but no visible sign of wastes at surface (likely mostly covered)
SITE_ID_FR	Carp Plaza
SITE_IDENTIFICATION	<null>
SITE_NAME	Wc-10
SITE_NAME_FR	Carp Plaza
SITE_STATUS	Confirmed
SIZE_HA	unknown; probably of limited dimensions
SOIL_COVER	25 to 50 m
TOPOGRAPHY	old river bed; ground surface slopes to the south in the surrounding area
UNIQUEID	Carp PlazaWc-10
UTM_NAD27_E_NOTE	<null>
UTM_NAD27_EASTING	418675
UTM_NAD27_N_NOTE	<null>
UTM_NAD27_NORTHING	5021500
WASTEDEPTH	likely less than 1 m
WASTETYPE	domestic wastes
WATER_SUPPLY	communal well



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*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	8	8
CA	<i>Certificates of Approval</i>	Y	0	4	4
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	1	1
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	6	7	13
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	2	8	10
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	5	5	10
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	2	2	4
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	8	48	56
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	1	1
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	4	4
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	1	1	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	4	8	12
SPL	<i>Ontario Spills</i>	Y	0	7	7
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	36	36
Total:			28	143	171

Executive Summary: Site Report Summary - Project Property

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

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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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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 TRANSP(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 K0A1L0	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
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 <i>Well ID:</i> 7302341	WNW/213.7	1.22	183
67	WWIS		461 DONALD B MONROE CARP ON <i>Well ID:</i> 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 <i>Well ID:</i> 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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
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.

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

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

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.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DENO KOTSOVOS	3729 CARP ROAD CARP K0A 1L0 ON CA ON	NW	44.04	<u>3</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	<u>32</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	<u>32</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	<u>32</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	<u>32</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP K0A 1L0 ON CA ON	SSW	99.79	<u>32</u>
KARSON KARTAGE & KONSTRUCTION (1994)LTD	3725 CARP RD CARP ON	SSW	99.79	<u>32</u>

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	421 Donald B. Munro Drive Ottawa ON K0A 1L0	N	47.34	<u>5</u>
	410 Donald B. Munro Ottawa ON	NE	93.35	<u>27</u>
	433 Donald B. Munro Drive Ottawa Ontario Carp ON K0A 1L0	WNW	98.12	<u>29</u>

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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 TRANSP(O)UT 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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
6843409 canada inc	461 Donald B Munro dr carp ON KOA1LO	WNW	249.40	<u>73</u>
West Carleton Drug Mart	461 Donald B. Munro Dr. Ottawa ON K0A 1L0	WNW	249.40	<u>73</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON K0A1L0	ESE	62.69	<u>12</u>
KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE	70.83	<u>15</u>
KARSON HOLDINGS INC.	3711 CARP RD CARP ON	SSE	70.83	<u>15</u>
West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE	91.75	<u>26</u>
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	<u>26</u>
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	<u>26</u>
West Carleton Animal Hospital	3710 Carp Road Carp ON	ESE	91.75	<u>26</u>
West Carleton Animal Hospital	3710 Carp Road Carp ON K0A1L0	ESE	91.75	<u>26</u>
West Carleton Animal Hospital Prof Corp	3710 Carp Road Carp ON	ESE	91.75	<u>26</u>

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 DONALD 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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E	169.73	<u>55</u>
CARP FLOUR MILLS DIV. OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A1L0	E	169.73	<u>55</u>
CARP FLOUR MILLS DIV OTTAWA VALLEY GRAIN PRODUCTS	405 MAIN STREET CARP ON K0A 1L0	E	169.73	<u>55</u>
UNITED CO-OPERATIVES OF ONTARIO	28 RIVINGTON STREET CARP ON K2L 1Y3	ESE	232.08	<u>70</u>

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RPM PROJECT MANAGERS	3710 CARP RD.,OTTAWA,ON,,CA ON	ESE	91.75	<u>26</u>

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
KARSON KARTAGE & KONSTRUCTION KARSON KARTAGE & KON	3725 CARP RD CARP ON	SSW	99.79	<u>32</u>

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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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.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 18 con 2 ON <i>Well ID:</i> 1503082	E	61.03	9
	lot 18 con 3 ON <i>Well ID:</i> 1503142	W	61.15	11
	lot 18 con 2 ON <i>Well ID:</i> 1515638	NNW	77.99	18
	lot 18 con 2 ON <i>Well ID:</i> 1503084	NNW	81.02	20
	422 DONALD MUNRO DRIVE CARP ON <i>Well ID:</i> 7109713	N	89.61	24

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 18 con 3 ON	NNW	90.06	25
	<i>Well ID:</i> 1512051			
	lot 18 con 2 ON	N	95.61	28
	<i>Well ID:</i> 1503075			
	lot 18 con 2 ON	E	104.07	33
	<i>Well ID:</i> 1500042			
	lot 18 con 2 ON	ENE	106.97	35
	<i>Well ID:</i> 1515887			
	lot 18 con 2 ON	NW	112.41	38
	<i>Well ID:</i> 1503088			
	lot 18 con 2 ON	NE	113.34	39
	<i>Well ID:</i> 1503094			
	lot 18 con 2 ON	E	121.88	42
	<i>Well ID:</i> 1503320			
	lot 18 con 2 ON	NW	129.85	45
	<i>Well ID:</i> 1503078			
	lot 18 con 2 ON	ENE	131.73	46
	<i>Well ID:</i> 1517625			
	lot 18 con 2 ON	NW	174.14	57
	<i>Well ID:</i> 1518827			
	lot 18 con 2 ON	NW	174.14	57
	<i>Well ID:</i> 1518879			
	lot 18 con 3 ON	NW	194.28	59

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1503145			
	461 DONALD 13 MONROE lot 18 con 3 CARP ON <i>Well ID:</i> 7302341	WNW	213.66	66
	461 DONALD B MONROE CARP ON <i>Well ID:</i> 7302349	WNW	218.64	67

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 18 con 2 ON <i>Well ID:</i> 1503081	S	44.40	4
	lot 18 con 3 ON <i>Well ID:</i> 1518961	SSE	49.55	7
	3725 CARP ROAD lot 18 con 3 CARP ON <i>Well ID:</i> 7342134	WSW	56.18	8
	3725 CARP ROAD lot 18 con 3 CARP ON <i>Well ID:</i> 7342133	SSW	75.85	17
	3725 CARP ROAD lot 18 con 3 CARP ON <i>Well ID:</i> 7342135	WSW	83.93	22
	lot 18 con 2 ON <i>Well ID:</i> 1503080	ESE	84.47	23
	lot 18 con 3 ON <i>Well ID:</i> 1503149	W	99.29	30
	3725 CARP ROAD lot 18 con 3 CARP ON <i>Well ID:</i> 7342131	W	104.83	34
	lot 18 con 3 ON	SSE	108.86	36

Well ID: 1503378

3725 CARP ROAD lot 18 con 3 SW 121.61 [41](#)
CARP ON

Well ID: 7342132

lot 18 con 2 ESE 124.02 [43](#)
ON

Well ID: 1503086

lot 18 con 2 ESE 128.22 [44](#)
ON

Well ID: 1503091

lot 18 con 2 SE 159.31 [51](#)
ON

Well ID: 1503087

lot 18 con 5 SSE 173.57 [56](#)
ON

Well ID: 1525403

lot 18 con 2 ESE 186.46 [58](#)
ON

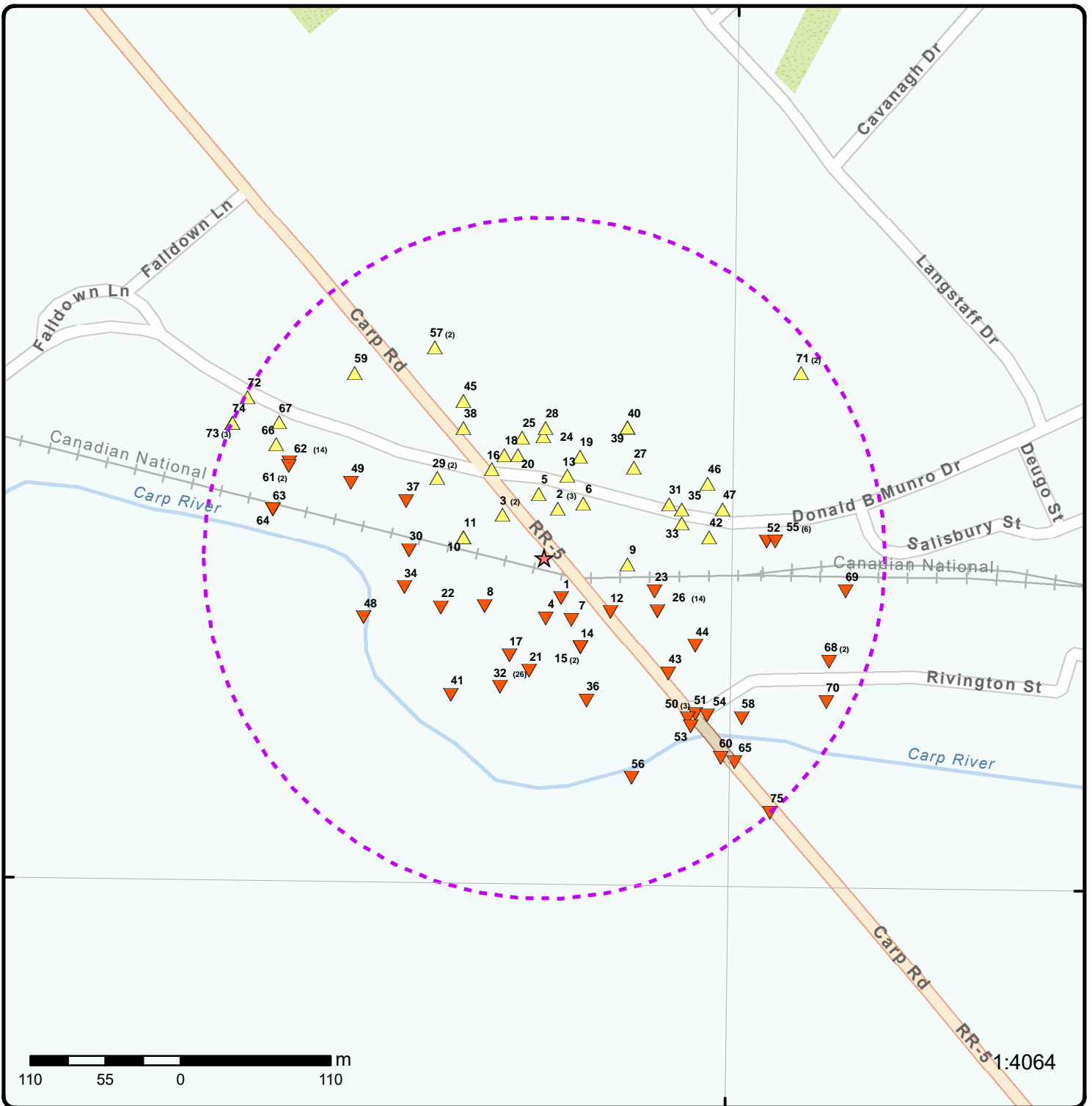
Well ID: 1514331

lot 18 con 3 W 202.29 [64](#)
ON

Well ID: 1503147

lot 18 con 2 E 222.22 [69](#)
ON

Well ID: 1503089



Map: 0.25 Kilometer Radius

Order Number: 23011000493

Address: 3725 Carp Road, Carp, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	Hospital



250 125 0 250 m

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2021

Order Number: 23011000493

Address: 3725 Carp Road, Carp, ON



Source: ESRI World Imagery

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76°3'W

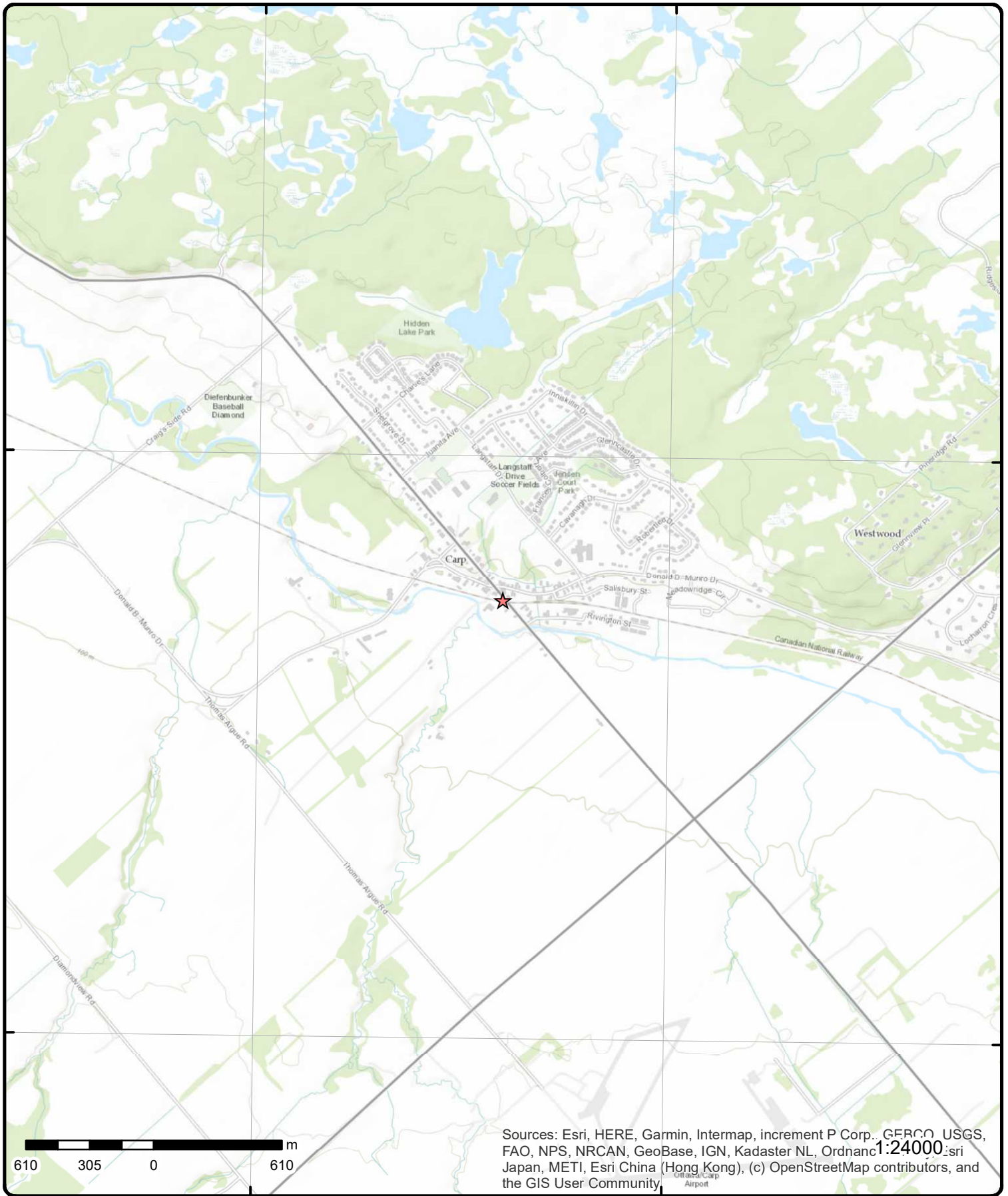
76°1'30"W

45°21'N

45°21'N

45°19'30"N

45°19'30"N



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Order Number: 23011000493

Address: 3725 Carp Road, ON



Source: ESRI World Topographic Map

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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 Status: C Report Type: Standard Report Report Date: 06-OCT-15 Date Received: 29-SEP-15 Previous Site Name: The Karson Group Lot/Building Size: 2.3 hectares Additional Info Ordered: City Directory		Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -76.034913 Y: 45.343555			
21	1 of 1	S/83.4	94.5 / -2.66	3725 Carp Road Ottawa ON	EHS
Order No: 20100510024 Status: C Report Type: Standard Report Report Date: 5/19/2010 Date Received: 5/10/2010 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -76.035201 Y: 45.343072			
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					
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 & Konstruktion Limited 3725 Carp Rd Carp ON	SCT
Established:		1973			
Plant Size (ft²):		50			
Employment:					
32	4 of 26	SSW/99.8	93.2 / -3.91	Karson Group 3725 Carp Rd Carp ON	SCT
Established:		1973			
Plant Size (ft²):		50			
Employment:					
--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:					
<u>Detail(s)</u>					
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
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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
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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
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Delisted Expired Fuel Safety Facilities

Instance No:	10655462	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	30749	Facility Location:	
Instance Type:	FS Piping	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

32	12 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10655533	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	31923	Facility Location:	
Instance Type:	FS Piping	Facility Type:	
Instance Creation Dt:		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:		Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:			
		FS Piping			
		EXP			
		Up to Mar 2012			

32	13 of 26	SSW/99.8	93.2 / -3.91	KARSON KARTAGE & KONSTRUCTION (1994) LTD 3725 CARP RD CARP ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10655491	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	32475	Facility Location:	
Instance Type:	FS Piping	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

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: 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					
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:					
Liquid Fuel Tank Details Overfill Protection: Owner Account Name: KARSON KARTAGE & KONSTRUCTION (1994)LTD Item: FS LIQUID FUEL TANK					

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: 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					
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:					
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
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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				

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
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Delisted Expired Fuel Safety Facilities

Instance No:	10655482	Expired Date:	NULL
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		

32	19 of 26	SSW/99.8	93.2 / -3.91	KARSON HOLDINGS INC 3725 CARP ROAD CARP ON K0A 1L0	GEN
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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			
<u>Detail(s)</u>					
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			
<u>Detail(s)</u>					
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:					
<u>Detail(s)</u>					
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			
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:					
<u>Detail(s)</u>					
Waste Class:		221 I			
Waste Class Name:		Light fuels			
Waste Class:		221 L			
Waste Class Name:		Light fuels			
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			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:		KARSON KARTAGE & KONSTRUCTION (1994)LTD			
Item:		FS LIQUID FUEL TANK			
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				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	KARSON KARTAGE & KONSTRUCTION (1994)LTD				
Item:	FS LIQUID FUEL TANK				
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				
<u>Liquid Fuel Tank Details</u>					
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
<p>Generator No: ON7837161 SIC Code: SIC Description: Approval Years: PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:</p> <p><u>Detail(s)</u></p> <p>Waste Class: 221 L Waste Class Name: Light fuels</p> <p>Waste Class: 221 I Waste Class Name: Light fuels</p>					
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
<p>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:</p>					
2	2 of 3	NNE/37.8	98.5 / 1.34	GERMAR TRANSP(O)UT OF BUSINESS) 17-466 421 DONALD B. MUNRO DR. PO BOX 26 CARP ON K0A 1L0	GEN
<p>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:</p> <p><u>Detail(s)</u></p> <p>Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS</p>					

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:					
<u>Detail(s)</u>					
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
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		61047947		Expired Date:	
Status:		EXPIRED		Max Hazard Rank: NULL	
Instance ID:				Facility Location: 3729 CARP ROAD CARP K0A 1L0 ON CA	
Instance Type:				Facility Type: FS FUEL OIL TANK	
Instance Creation Dt:		1/27/2009		Fuel Type 2:	
Instance Install Dt:		1/27/2009		Fuel Type 3:	
Item Description:		Fuel Oil 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:				Piping Underground:	
Creation Date:		7/5/2009 3:14:49 AM		Tank Underground:	
Next Periodic Str DT:		NULL		Source: FS Fuel Oil Tank	
TSSA Base Sched Cycle 2:		NULL			
TSSA Max 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			

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): 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:		Item Description: Fuel Oil Tank Instance Type: Facility Type: Fuel Type: Distributor: Letter Sent: Comments: Corrosion Protect: Province: Nbr: Context: FS Fuel Oil Tank			
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					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 1959/11/16 Year Completed: 1959 Depth (m): 24.9936 Latitude: 45.3434181735808 Longitude: -76.0350571804013 Path: 150\1503081.pdf					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10573694			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					
Water ID:		933455929			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		82.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10025124			Tag No:	
Depth M:	24.9936			Contractor:	1802
Year Completed:	1959			Path:	150\1503081.pdf
Well Completed Dt:	1959/11/16			Latitude:	45.3434181735808
Audit No:				Longitude:	-76.0350571804013
5	1 of 1	N/47.3	100.0 / 2.81	421 Donald B. Munro Drive Ottawa ON K0A 1L0	EHS
Order No:	22061700777			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			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:					

<u>6</u>	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				

<u>7</u>	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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		73.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518961			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589401			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651082			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934381106					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 60.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934106365					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 40.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934900615					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 60.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933475816					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 80.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933475817					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 92.0					
Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10040831		Tag No:			
Depth M: 30.48		Contractor: 4767			
Year Completed: 1984		Path: 151\1518961.pdf			
Well Completed Dt: 1984/04/30		Latitude: 45.3434113710355			
Audit No:		Longitude: -76.0348145329657			

<u>8</u>	1 of 1	WSW/56.2	94.6 / -2.58	3725 CARP ROAD lot 18 con 3 CARP ON	WWIS
Well ID: 7342134		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: Z311168		Contractor: 7241			
Tag: A268951		Form Version: 7			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202864			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202865			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202866			
Layer:		3			
Plug From:		0.7599999904632568			
Plug To:		3.0999999046325684			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203445			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1008201270			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			
<u>Results of Well Yield Testing</u>					
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:					
<u>Hole Diameter</u>					
Hole ID:		1008203193			
Diameter:		8.890000343322754			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Hole Depth UOM:		m			

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

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:			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Tag No:	
Depth M:	24.9936	Contractor:	1802
Year Completed:	1960	Path:	150\1503082.pdf
Well Completed Dt:	1960/03/17	Latitude:	45.3437851074514
Audit No:		Longitude:	-76.0342979989857

10	1 of 1	W/61.1	97.3 / 0.16	ON	BORE
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Borehole ID:	608780	Inclin FLG:	No
OGF ID:	215510486	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Borehole Geology Stratum</u>					
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.VELLOCITY = 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.				
<u>Source</u>					
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
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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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503142			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573755			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
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	Tag No:	
Depth M:	42.0624	Contractor:	3566
Year Completed:	1958	Path:	150\1503142.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: 1958/12/30				Latitude: 45.3439512257296	
Audit No:				Longitude: -76.0358327659158	
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:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			
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:					
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
14	1 of 1	SSE/70.8	94.7 / -2.49	3711 CARP ROAD, OTTAWA ON	INC
Incident No:		133950		Any Health Impact:	
Incident ID:		2284798		Any Enviro Impact:	
Instance No:				Service Interrupted:	
Status Code:		Causal Analysis Complete		Was Prop Damaged:	
Attribute Category:		FS-Incident		Reside App. Type:	
Context:				Commer App. Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date of Occurrence: Time of Occurrence: Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: Approx Quant Rel: 50 Tank Capacity: Fuels Occur Type: Fuel Type Involved: Enforcement Policy: Prc Escalation Req: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: Notes: Drainage System: Yes Sub Surface Contam.: Aff Prop Use Water: No Contam. Migrated: Yes Contact Natural Env: Yes Incident Location: Occurrence Narrative: Operation Type Involved: Item: Item Description: Device Installed Location:		3711 CARP ROAD, OTTAWA - LEAK		Indus App. Type: Institut App. Type: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water: Yes	

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:					
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			

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
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Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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
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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:

17	1 of 1	SSW/75.9	94.6 / -2.55	3725 CARP ROAD lot 18 con 3 CARP ON	WWIS
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Well ID: 7342133	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: Z311167	Contractor: 7241
Tag: A268950	Form Version: 7
Constructn Method:	Owner:
Elevation (m):	County: OTTAWA-CARLETON
Elevatn Reliability:	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: 45.343172110359

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-76.0353909510741			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007662882			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	418884.00
Code OB Desc:				North83:	5021595.00
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008202141				
Layer:	1				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202861			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202862			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202863			
Layer:		3			
Plug From:		0.7599999904632568			
Plug To:		3.0999999046325684			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203444			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1008201269			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008203696			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		0.9100000262260437			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4.03000020980835			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		1008204243			
Pump Test ID:					
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:					
<u>Hole Diameter</u>					
Hole ID:		1008203192			
Diameter:		8.890000343322754			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: Site Info:		Abandonment Rec: Contractor: 1703 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 018 Concession: 02 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:		HUNTLEY TOWNSHIP	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515638.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		1976/09/17			
Year Completed:		1976			
Depth (m):		23.1648			
Latitude:		45.344495849294			
Longitude:		-76.0353321136247			
Path:		151\1515638.pdf			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515638			
Method Construction Code:		9			
Method Construction:		Driving			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586154			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934101096			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934647457			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		17.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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
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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																																																																																
<table border="0"> <tr> <td>Well ID:</td> <td>1503084</td> <td>Flowing (Y/N):</td> <td></td> </tr> <tr> <td>Construction Date:</td> <td></td> <td>Flow Rate:</td> <td></td> </tr> <tr> <td>Use 1st:</td> <td>Domestic</td> <td>Data Entry Status:</td> <td></td> </tr> <tr> <td>Use 2nd:</td> <td>0</td> <td>Data Src:</td> <td>1</td> </tr> <tr> <td>Final Well Status:</td> <td>Water Supply</td> <td>Date Received:</td> <td>01-Jun-1962 00:00:00</td> </tr> <tr> <td>Water Type:</td> <td></td> <td>Selected Flag:</td> <td>TRUE</td> </tr> <tr> <td>Casing Material:</td> <td></td> <td>Abandonment Rec:</td> <td></td> </tr> <tr> <td>Audit No:</td> <td></td> <td>Contractor:</td> <td>1802</td> </tr> <tr> <td>Tag:</td> <td></td> <td>Form Version:</td> <td>1</td> </tr> <tr> <td>Constructn Method:</td> <td></td> <td>Owner:</td> <td></td> </tr> <tr> <td>Elevation (m):</td> <td></td> <td>County:</td> <td>OTTAWA-CARLETON</td> </tr> <tr> <td>Elevatn Reliabilty:</td> <td></td> <td>Lot:</td> <td>018</td> </tr> <tr> <td>Depth to Bedrock:</td> <td></td> <td>Concession:</td> <td>02</td> </tr> <tr> <td>Well Depth:</td> <td></td> <td>Concession Name:</td> <td>CON</td> </tr> <tr> <td>Overburden/Bedrock:</td> <td></td> <td>Easting NAD83:</td> <td></td> </tr> <tr> <td>Pump Rate:</td> <td></td> <td>Northing NAD83:</td> <td></td> </tr> <tr> <td>Static Water Level:</td> <td></td> <td>Zone:</td> <td></td> </tr> <tr> <td>Clear/Cloudy:</td> <td></td> <td>UTM Reliability:</td> <td></td> </tr> <tr> <td>Municipality:</td> <td>HUNTLEY TOWNSHIP</td> <td></td> <td></td> </tr> <tr> <td>Site Info:</td> <td></td> <td></td> <td></td> </tr> </table>						Well ID:	1503084	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-Jun-1962 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:			
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503084			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573697			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930043029			

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

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 Reliability:		Lot:	018		
Depth to Bedrock:		Concession:	03		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		HUNTLEY TOWNSHIP		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CON
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		2019/05/31 2019 3.1 45.3434813203525 -76.0360348084675			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		1007662888		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
				18 418834.00 5021630.00 UTM83 4 margin of error : 30 m - 100 m wwr	
		on Water Well Record			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		1008202147 1 2 GREY 11 GRAVEL 28 SAND 77 LOOSE 0.0 0.3100000023841858 m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color:		1008202149 3 2 GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202867			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202868			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202869			
Layer:		3			
Plug From:		0.7599999904632568			
Plug To:		3.0999999046325684			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203446			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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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 Reliability:				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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
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		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930995946		
Layer:			2		
Color:			3		
General Color:			BLUE		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		6.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503080			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573693			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					
Water ID:		933455928			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		108.0			
Water Found Depth UOM:		ft			
<u>Links</u>					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002687897			
Layer:		1			
Plug From:		0.0			
Plug To:		2.299999952316284			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug ID:		1002687898			
Layer:		2			
Plug From:		2.299999952316284			
Plug To:		6.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002687902			
Method Construction Code:		9			
Method Construction:		Driving			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002687892			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			
<u>Hole Diameter</u>					
Hole ID:		1002687896			
Diameter:		5.0			
Depth From:		0.0			
Depth To:		6.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1001728959			Tag No:	A032184
Depth M:	6			Contractor:	6964
Year Completed:	2008			Path:	710\7109713.pdf
Well Completed Dt:	2008/07/11			Latitude:	45.3446239881963
Audit No:	M03131			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			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	04-Nov-1972 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	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\1512051.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	1972/08/30				
Year Completed:	1972				
Depth (m):	51.816				
Latitude:	45.3446131952077				
Longitude:	-76.0352959588436				
Path:	151\1512051.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10034044			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	418893.50
Code OB Desc:				North83:	5021755.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	30-Aug-1972 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931019484				
Layer:	3				
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		933108793			
Layer:		1			
Plug From:		15.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961512051			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10582614			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934098683			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		110.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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
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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:					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
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:					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
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:					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4327584 541940 Veterinary Services 2011			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4327584 541940 Veterinary Services 2012			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4327584 541940 VETERINARY SERVICES 2013			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 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:					
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			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
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			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
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
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
<u>26</u>	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:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
<u>26</u>	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:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
<u>26</u>	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			

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

27	1 of 1	NE/93.3	99.9 / 2.73	410 Donald B. Munro Ottawa ON	EHS
Order No:	20140318007			Nearest Intersection:	
Status:	C			Municipality:	Ottawa (Carp)
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-MAR-14			Search Radius (km):	.25
Date Received:	18-MAR-14			X:	-76.034248
Previous Site Name:				Y:	45.344422
Lot/Building Size:	6000 square feet				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

28	1 of 1	N/95.6	99.9 / 2.79	lot 18 con 2 ON	WWIS
Well ID:	1503075			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:	23-Dec-1954 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 Reliability:				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\1503075.pdf				

Additional Detail(s) (Map)

Well Completed Date:	1954/12/09
Year Completed:	1954

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503075			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573688			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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:					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: Site Info:		Abandonment Rec: Contractor: 4806 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 018 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:		HUNTLEY TOWNSHIP	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503149.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		1966/10/21 1966 22.5552 45.3438565954222 -76.0363416197382 150\1503149.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10025192		Elevation: Elevrc: Zone: 18 East83: 418810.50 North83: 5021672.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5	
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		930996132 3 11 GRAVEL 73.0 74.0 ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503149			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573762			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					

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

31	1 of 1	ENE/99.7	99.9 / 2.73	PRIVATELY OWNED CARP VILLAGE 404 DONALD MUNROE DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA-CARLETON R.M. ON	SPL
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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: Contaminant Qty:		OTTAWA VALLEY GRAIN -3 KINDS OF HERBICIDES IN FIRE, TOTAL 40 LITRES.			

33	1 of 1	E/104.1	98.5 / 1.34	lot 18 con 2 ON	WWIS
Well ID:	1500042			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:	29-Oct-1957 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\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	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	419010.50
Code OB Desc:		North83:	5021692.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	17-Jun-1957 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500042			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570657			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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 Tag No: Depth M: 22.86 Contractor: 4833 Year Completed: 1957 Path: 150\1500042.pdf Well Completed Dt: 1957/06/17 Latitude: 45.3440597269797 Audit No: Longitude: -76.0337924186342					
34	1 of 1	W/104.8	94.2 / -2.91	3725 CARP ROAD lot 18 con 3 CARP ON	WWIS
Well ID: 7342131 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: Z311165 Contractor: 7241 Tag: A269012 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): 2.74 Latitude: 45.3436131925648 Longitude: -76.0363818538689 Path:					
Bore Hole Information					
Bore Hole ID: 1007662876 Elevation: DP2BR: Elevrc: Spatial Status: Zone: 18 Code OB: East83: 418807.00 Code OB Desc: North83: 5021645.00 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					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1008202856			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202855			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202857			
Layer:		3			
Plug From:		0.7599999904632568			
Plug To:		2.740000009536743			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203442			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1008201267			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Tag No:	A269012
Depth M:	2.74	Contractor:	7241
Year Completed:	2019	Path:	7347342131.pdf
Well Completed Dt:	2019/05/31	Latitude:	45.3436131925648
Audit No:	Z311165	Longitude:	-76.0363818538689

35	1 of 1	ENE/107.0	98.5 / 1.34	lot 18 con 2 ON	WWIS
Well ID:	1515887			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:	10-May-1977 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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	419010.50
Code OB Desc:		North83:	5021702.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	01-Apr-1977 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: 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515887			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586396			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
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				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934897225				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934378639				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934639740				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934101448				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933472072				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	100.0				

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

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 Reliability:				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:			

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

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

<u>37</u>	1 of 1	WNW/109.5	96.9 / -0.27	Mobile Ad Canada Ltd. 435 Donald B Munro Rd Carp ON	SCT
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Established:
Plant Size (ft²):
Employment: 3

--Details--

Description: Sign Manufacturing
SIC/NAICS Code: 339950

<u>38</u>	1 of 1	NW/112.4	99.0 / 1.85	lot 18 con 2 ON	WWIS
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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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503088			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573701			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					

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

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)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	418970.50
Code OB Desc:		North83:	5021762.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12-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: 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503094			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573707			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991503094			
Pump Set At:					
Static Level:		43.0			
Final Level After Pumping:		44.0			

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

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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:		SAND.		Geologic Period: Depositional Gen:	
Geology Stratum ID: 218381678 Top Depth: 0 Bottom Depth: 13.1 Material Color: Blue Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		CLAY. BLUE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218381680 Top Depth: 60.4 Bottom Depth: 64.9 Material Color: Grey Material 1: Limestone Material 2: Material 3: Material 4: 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.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 01295 NTS_Sheet: Confiden 1:		Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level			
Source List					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada		Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator			
41	1 of 1	SW/121.6	92.0 / -5.10	3725 CARP ROAD lot 18 con 3 CARP ON	WWIS
Well ID: 7342132 Construction Date: Use 1st: Monitoring and Test Hole Use 2nd: Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z311166 Tag: A269014 Constructn Method: Elevation (m): Elevatn Reliabilty:		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			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202860			
Layer:		3			
Plug From:		0.7599999904632568			
Plug To:		3.0999999046325684			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202859			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202858			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203443			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Pipe Information</u>					
Pipe ID:		1008201268			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			
<u>Results of Well Yield Testing</u>					
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:					
<u>Hole Diameter</u>					
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
<u>Links</u>					
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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
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		
<u>Overburden and Bedrock Materials Interval</u>					
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		
<u>Overburden and Bedrock Materials Interval</u>					
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		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961503320		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10573933		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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				
<u>Construction Record - Screen</u>					
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				
<u>Results of Well Yield Testing</u>					
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				
<u>Water Details</u>					
Water ID:	933456212				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10025363			Tag No:	
Depth M:	24.384			Contractor:	3503
Year Completed:	1962			Path:	150\1503320.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: Audit No:	1962/09/03			Latitude: Longitude:	45.3439720380259 -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 Reliability:				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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503086			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573699			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		933325866			
Layer:		1			
Slot:		012			
Screen Top Depth:		81.0			

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

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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:		HUNTLEY TOWNSHIP		Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503091.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		1965/10/19 1965 20.1168 45.3432508897184 -76.0336500525363 150\1503091.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10025134		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
				18 419020.50 5021602.00 5 margin of error : 100 m - 300 m p5	
		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		930995981 3 11 GRAVEL 09 MEDIUM SAND 55.0 64.0 ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:		930995980 2 09 MEDIUM SAND			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961503091			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573704			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930043037			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	
Year Completed:		1965		1802	
Well Completed Dt:		1965/10/19		Path:	
Audit No:				150\1503091.pdf	
				Latitude:	
				45.3432508897184	
				Longitude:	
				-76.0336500525363	

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:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				05-Aug-1958 00:00:00	
Audit No:				Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				Contractor:	
Elevatn Reliabilty:				4833	
Depth to Bedrock:				Form Version:	
Well Depth:				1	
Overburden/Bedrock:				Owner:	
Pump Rate:				County:	
				OTTAWA-CARLETON	
				Lot:	
				018	
				Concession:	
				02	
				Concession Name:	
				CON	
				Easting NAD83:	
				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Static Water Level:
Clear/Cloudy:
Municipality:
Site Info:

HUNTLEY TOWNSHIP

Zone:
UTM Reliability:

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
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-May-1958 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: 418850.50
North83: 5021782.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

**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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10573691			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		933325865			
Layer:		1			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Tag No:	
Depth M:	16.764	Contractor:	4833
Year Completed:	1958	Path:	150\1503078.pdf
Well Completed Dt:	1958/05/21	Latitude:	45.3448512165848
Audit No:		Longitude:	-76.0358491806477

46	1 of 1	ENE/131.7	98.5 / 1.37	lot 18 con 2 ON	WWIS
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Well ID:	1517625	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:	22-Sep-1981 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\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	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	419029.50
Code OB Desc:		North83:	5021721.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	09-Jul-1981 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961517625			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588067			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376044			
Test Type:		Draw Down			
Test Duration:		30			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level:</i>			140.0		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			934645878		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			45		
<i>Test Level:</i>			140.0		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			934895571		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			60		
<i>Test Level:</i>			140.0		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			934102156		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			15		
<i>Test Level:</i>			140.0		
<i>Test Level UOM:</i>			ft		
<u>Water Details</u>					
<i>Water ID:</i>			933474138		
<i>Layer:</i>			2		
<i>Kind Code:</i>			1		
<i>Kind:</i>			FRESH		
<i>Water Found Depth:</i>			195.0		
<i>Water Found Depth UOM:</i>			ft		
<u>Water Details</u>					
<i>Water ID:</i>			933474137		
<i>Layer:</i>			1		
<i>Kind Code:</i>			1		
<i>Kind:</i>			FRESH		
<i>Water Found Depth:</i>			36.0		
<i>Water Found Depth UOM:</i>			ft		
<u>Water Details</u>					
<i>Water ID:</i>			933474139		
<i>Layer:</i>			3		
<i>Kind Code:</i>			1		
<i>Kind:</i>			FRESH		
<i>Water Found Depth:</i>			255.0		
<i>Water Found Depth UOM:</i>			ft		
<u>Links</u>					
<i>Bore Hole ID:</i>	10039497			<i>Tag No:</i>	
<i>Depth M:</i>	79.248			<i>Contractor:</i>	1558
<i>Year Completed:</i>	1981			<i>Path:</i>	151\1517625.pdf
<i>Well Completed Dt:</i>	1981/07/09			<i>Latitude:</i>	45.3443229192326

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Longitude:	-76.0335546820632

47	1 of 1	ENE/135.7	98.1 / 0.95	ON	BORE
Borehole ID:	608781			Inclin FLG:	No
OGF ID:	215510487			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	1.5			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.344155
Total Depth m:	-999			Longitude DD:	-76.033411
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	419041
Drill Method:				Northing:	5021702
Orig Ground Elev m:	97.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	93.7				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218381658			Mat Consistency:	
Top Depth:	10.7			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
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.				

Geology Stratum ID:	218381657			Mat Consistency:	
Top Depth:	3			Material Moisture:	
Bottom Depth:	10.7			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. WATER STABLE AT 315.0 FEET.				

Geology Stratum ID:	218381656			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 M			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 012890 NTS_Sheet: 31F08A Reliable information but incomplete.					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
48	1 of 1	WSW/139.4	90.8 / -6.30	Munro ON	MNR
MDI No: OGF ID: Deposit Status: Claim Map: Geological Dstrct: Mining Division: Name: P Commod: S Commod: Latitude: Longitude: Class Sub Type: Source Map: Detail: All Names: Access Description:	MDI31F08SE00016 Southern Ontario Munro CLAY 45.343411 -76.036759 http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31F08SE00016.html Munro N/A			Twp Area: Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status:	Huntley Past Producing Mine Without Reserves or Resources
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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	ON4971284 As of Nov 2021 Canada Registered				
Detail(s)					
Waste Class: Waste Class Name:	146 T 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
<p> 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: </p>					
50	2 of 3	SE/157.8	91.9 / -5.27	City of Ottawa Carp Road and Rivington Street Ottawa ON	SPL
<p> 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 </p> <p> 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: </p>					
50	3 of 3	SE/157.8	91.9 / -5.27	Clean Water Works Inc. Carp Rd at Rivington St, Carp Ottawa ON	SPL
<p> 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: </p> <p> 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: </p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		Land No 2016/05/05 Equipment Failure CWW truck<UNOFFICIAL>		Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5021550 Easting: 419022 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:	
		Clean Water Works: 50 Lhyd oil to asp, ctnd, clnd. 50 L			

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
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-May-1963 00:00:00
Elevation:
Elevrc:
Zone: 18
East83: 419020.50
North83: 5021552.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Method Construction ID:		961503087			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573700			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					
Water ID:		933455935			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10025130		Tag No:	
Depth M:		8.2296		Contractor: 1802	
Year Completed:		1963		Path: 150\1503087.pdf	
Well Completed Dt:		1963/05/17		Latitude: 45.3428008938701	
Audit No:				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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	8005435			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	28			Material Texture:	
Material Color:				Non Geo Mat Type:	

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev: Drill Method: Diamond Drill Orig Ground Elev m: 29.7 Elev Reliabil Note: DEM Ground Elev m: 91.5 Concession: Location D: Survey D: Comments:				Eastings: 419029 Northing: 5021551 Location Accuracy: Accuracy: Within 10 metres	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 8005431 Top Depth: 5.6 Bottom Depth: 11.6 Material Color: Material 1: Fine Sand Material 2: Clayey Material 3: Fine Gravel Material 4: Gsc Material Description: Stratum Description: LOOSE, CLAYEY, SATURATED, FINE SAND TO FINE GRAVEL.				Mat Consistency: Loose Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 8005429 Top Depth: 0 Bottom Depth: .9 Material Color: Material 1: Fill Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: GRANULAR FILL **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: 8005430 Top Depth: .9 Bottom Depth: 5.6 Material Color: Black Material 1: Peat Material 2: Shells Material 3: Coarse Sand Material 4: Gsc Material Description: Stratum Description: BLACK. FIBROUS PEAT. WITH SHELS AND SOME COARSE SAND.				Mat Consistency: Material Moisture: Material Texture: Fibrous Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	

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
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Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region:	Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
District: County: Trade Name: PDF URL:				MOE District: SWP Area Name:	
55	2 of 6	E/169.7	95.4 / -1.75	Carp Flour Mills 405 Donald Munro Dr Carp ON K0A 1L0	SCT
Established: Plant Size (ft²): Employment:		01-AUG-27 4000			
--Details-- Description: SIC/NAICS Code:		Flour Milling 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: Plant Size (ft²): Employment:		1987 4000 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: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		23-01-01042-0 01042 Legacy Licenses (Excluding TS) Limited Vendor 23 01 0 4 2 15		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
		30 613 8392802 4 2 15			
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: Plant Size (ft²): Employment:		7/1/1927 4000			

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

Description: Flour Milling
SIC/NAICS Code: 311211

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:					

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			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933111179			
Layer:		1			
Plug From:		0.0			
Plug To:		37.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961525403			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10595711			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930082531			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		165.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930082530			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		40.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		BAILER			
<i>Pump Test ID:</i>		991525403			
<i>Pump Set At:</i>					
<i>Static Level:</i>		14.0			
<i>Final Level After Pumping:</i>		120.0			
<i>Recommended Pump Depth:</i>		150.0			
<i>Pumping Rate:</i>		6.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		6.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		2			
<i>Water State After Test:</i>		CLOUDY			
<i>Pumping Test Method:</i>		2			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934905775			
<i>Test Type:</i>					
<i>Test Duration:</i>		60			
<i>Test Level:</i>		120.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934112231			
<i>Test Type:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387636			
Test Type:					
Test Duration:		30			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934648597			
Test Type:					
Test Duration:		45			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10047141			Tag No:	
Depth M:	50.292			Contractor:	3142
Year Completed:	1991			Path:	152\1525403.pdf
Well Completed Dt:	1991/03/22			Latitude:	45.3423724675035
Audit No:	098966			Longitude:	-76.0342339815829

57	1 of 2	NW/174.1	99.9 / 2.73	lot 18 con 2 ON	WWIS
Well ID:	1518827			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\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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039677				
Layer:	4				
Color:	6				
General Color:	BROWN				
Mat1:	28				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		SAND			
Mat2 Desc:		77			
Mat3:		LOOSE			
Mat3 Desc:					
Formation Top Depth:		100.0			
Formation End Depth:		123.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518827			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589267			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071047			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		128.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					
Water ID:		933475638			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		202.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
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
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		HUNTLEY TOWNSHIP		Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518879.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	1983/05/10				
Year Completed:	1983				
Depth (m):	69.4944				
Latitude:	45.3451997817626				
Longitude:	-76.0361235989519				
Path:	151\1518879.pdf				
<u>Bore Hole Information</u>					
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:	4
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039864				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		SAND			
Mat2 Desc:		77			
Mat3:		LOOSE			
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518879			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589319			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071144			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:	1				
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	110.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
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				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934103351				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	128.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934381026				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	65.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934900118				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	15.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934651002				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	32.0				
Test Level UOM:	ft				

Water Details

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID: 961514331					
Method Construction Code: 1					
Method Construction: Cable Tool					
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID: 10584876					
Casing No: 1					
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
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					
 <u>Results of Well Yield Testing</u>					
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					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934381949					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 15.0					
Test Level UOM: ft					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934900406					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 15.0					
Test Level UOM: ft					
 <u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Tag No:	
Depth M:	20.7264	Contractor:	1558
Year Completed:	1974	Path:	151\1514331.pdf
Well Completed Dt:	1974/09/27	Latitude:	45.3427778204643
Audit No:		Longitude:	-76.0332074585281

59	1 of 1	NW/194.3	100.9 / 3.73	lot 18 con 3 ON	WWIS
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Well ID:	1503145	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:	25-Feb-1963 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3601
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		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\1503145.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/11/16
Year Completed: 1962

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		29.5656			
Latitude:		45.3450219496535			
Longitude:		-76.0368734750932			
Path:		150\1503145.pdf			

Bore Hole Information

Bore Hole ID:	10025188	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	418770.50
Code OB Desc:		North83:	5021802.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	16-Nov-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:	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
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10573758				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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				
<u>Construction Record - Casing</u>					
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				
<u>Results of Well Yield Testing</u>					
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				
<u>Water Details</u>					
Water ID:	933456005				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	95.0				

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

<u>60</u>	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 Material 2: Silt Material 3: Material 4: Gsc Material Description: Stratum Description: SOFT, GREY, SILTY CLAY.				Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 8005438 Top Depth: 3 Bottom Depth: 6.9 Material Color: Grey Material 1: Clay Material 2: Silt Material 3: Organic Material 4: Gsc Material Description: Stratum Description: SOFT, PINKISH TO GREENISH GREY, SILTY CLAY, SLIGHTLY ORGANIC AND PARTIALLY FISSURED.				Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
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					
<u>Waste Quantity by Year</u>					
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:					
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:					
<u>Detail(s)</u>					
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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON1268000 0000 *** NOT DEFINED *** 89,99,00,01			
Detail(s)					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON1268000 9721 POWER LAUND./CLEANER 92,93,94,95,96,97,98			
Detail(s)					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
62	3 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO CARP ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4343576 03,04			

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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2396908 812320 Dry Cleaning and Laundry Services (except Coin-Operated) 04,05,06,07,08			
<u>Detail(s)</u>					
Waste Class:		233			
Waste Class Name:		OTHER POLYMERIC WASTES			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
62	5 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO DRIVE CARP ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2396908 812320 Dry Cleaning and Laundry Services (except Coin-Operated) 2009			
<u>Detail(s)</u>					
Waste Class:		233			
Waste Class Name:		OTHER POLYMERIC WASTES			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
62	6 of 14	WNW/199.7	95.8 / -1.36	STAR FASHION CLEANERS 449 DONALD B MUNRO DRIVE CARP ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact:		ON2396908 812320 Dry Cleaning and Laundry Services (except Coin-Operated) 2010			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		233			
Waste Class Name:		OTHER POLYMERIC WASTES			
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
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:					
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
Waste Class:		233			
Waste Class Name:		OTHER POLYMERIC WASTES			
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:					
<u>Detail(s)</u>					
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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3607035 812320 DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) 2016 Canada CO_OFFICIAL No No			
Detail(s)					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
62	10 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3607035 812320 DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) 2015 Canada CO_OFFICIAL No No			
Detail(s)					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
62	11 of 14	WNW/199.7	95.8 / -1.36	488402 Ontario LTD. 449 Donald B Munro ottawa ON K0A1L0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3607035 812320 DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) 2014 Canada CO_OFFICIAL No No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
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:					
<u>Detail(s)</u>					
Waste Class:		241 H			
Waste Class Name:		Halogenated solvents and residues			
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:					
<u>Detail(s)</u>					
Waste Class:		211 U			
Waste Class Name:		Aromatic solvents and residues			
Waste Class:		213 H			
Waste Class Name:		Petroleum distillates			
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			

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

63	1 of 1	W/202.2	93.2 / -3.90	ON	BORE
Borehole ID:	608782			Inclin FLG:	No
OGF ID:	215510488			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:	45.344116
Total Depth m:	42.7			Longitude DD:	-76.037622
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	418711
Drill Method:				Northing:	5021702
Orig Ground Elev m:	93			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	91.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218381659	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	18.3	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Sand	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SAND.		
Geology Stratum ID:	218381661	Mat Consistency:	
Top Depth:	32.9	Material Moisture:	
Bottom Depth:	42.7	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. 00135AVEL. .VELOCITY = 4300. BEDROCK. SEISMIC VELOCITY = 17500. BED **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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

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 Reliability:				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				

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503147			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573760			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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:					

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				Non Geo Mat Type:	
Material 1:	Grey			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			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:	

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007108573			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		2.740000009536743			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007108574			
Layer:		3			
Plug From:		2.740000009536743			
Plug To:		6.099999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007108572			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007108733			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		3.9600000381469727			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007108732			
Layer:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug From:</i>		0.0			
<i>Plug To:</i>		0.3100000023841858			
<i>Plug Depth UOM:</i>		m			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1007108734			
<i>Layer:</i>		3			
<i>Plug From:</i>		3.9600000381469727			
<i>Plug To:</i>		7.619999885559082			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1007108731			
<i>Method Construction Code:</i>		D			
<i>Method Construction:</i>		Direct Push			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1007108721			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007108727			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		4.570000171661377			
<i>Casing Diameter:</i>		4.03000020980835			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007108728			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		4.570000171661377			
<i>Screen End Depth:</i>		7.619999885559082			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		4.820000171661377			
<u>Water Details</u>					
<i>Water ID:</i>		1007108726			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1007108725			
Diameter:		8.25			
Depth From:		0.0			
Depth To:		7.619999885559082			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				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**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503089			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573702			
Casing No:		1			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Tag No:	4806
Depth M:	56.0832	Contractor:	150\1503089.pdf
Year Completed:	1965	Path:	45.3436235836646
Well Completed Dt:	1965/03/17	Latitude:	-76.0322527469818
Audit No:		Longitude:	

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: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
71	1 of 2	ENE/232.2	100.9 / 3.73	154 Colonnade Rd S Nepean ON K0A 1L0	EHS
Order No: 21100700358 Status: C Report Type: Standard Report Report Date: 13-OCT-21 Date Received: 07-OCT-21 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -76.0326956 Y: 45.3450625			
71	2 of 2	ENE/232.2	100.9 / 3.73	154 Colonnade Rd S Nepean ON K0A 1L0	EHS
Order No: 21100700358 Status: C Report Type: Standard Report Report Date: 13-OCT-21 Date Received: 07-OCT-21 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -76.0326956 Y: 45.3450625			
72	1 of 1	WNW/247.5	99.5 / 2.40	461 Donald B Munro Dr. Ottawa ON	EHS
Order No: 20171018125 Status: C Report Type: Standard Report Report Date: 24-OCT-17 Date Received: 18-OCT-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -76.037871 Y: 45.344855			

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			
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:					
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					
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:					
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 Properties 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

Location:
Region:
Ministry District:

Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
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

Location:
Region:
Ministry District:

Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
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
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:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

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
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:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 17, Concession 3, Part 2 of RP# 5R-10167 Ottawa Ontario Ottawa

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
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:

Act 1:
Act 2:
Site Location Map:

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
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:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

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: 2617-7QKQB
Approval Date: 2009-04-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
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:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **Carp Retirement Properties 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:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Carp Retirement Properties 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:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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:
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:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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 Corporation
Year:		Client Type:	Miscellaneous Industrial
Incident Cause:		Sector Type:	
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
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/08/07
Dt Document Closed: 2018/09/04
Incident Reason: Equipment Failure
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

Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type: Motor Vehicle

Site: UNKNOWN
VILLAGE OF CARP CARP ROAD WEST CARLETON TOWNSHIP ON

Database:
SPL

Ref No: 106528
Site No:
Incident Dt: 10/18/1994
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/18/1994
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: HYDROCARBONS SEEPING FROMGROUND INTO DITCH
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20613
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: TRANSPORT TRUCK
CARP RD. TRANSPORT TRUCK (CARGO) WEST CARLETON TOWNSHIP ON

Database:
SPL

Ref No: 67418
Site No:
Incident Dt: 2/26/1992
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Soil Contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/26/1992
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LAIDLAW ENVIRONMENTAL: 315 L ANTIFREEZE TO GRND FROM TRANSPORT TRUCK.

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20613
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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 / 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 is 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

Variations 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.

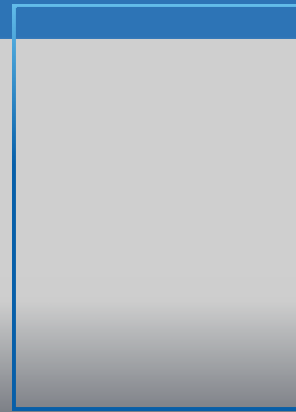
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number 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



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.