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Phase One Environmental Site Assessment
2885 Carp Road
Ottawa, Ontario

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Submitted to:

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Carp, Ontario
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Phase One Environmental Site Assessment
2885 Carp Road
Ottawa, Ontario

June 1, 2022
Project: 101688.002

experience • knowledge • integrity

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June 1, 2022

File: 101688.002

Bell & Associates Architecture
PO Box 178 (101-3108 Carp Road)
Carp, Ontario
K0A 1L0

Attention: Tim Gilchrist

Re: Phase One Environmental Site Assessment
Proposed Commercial Development
2885 Carp Road, Ottawa, Ontario

Enclosed is GEMTEC's Phase One Environmental Site Assessment report as per the proposals dated April 8th 2022. The Phase One ESA was completed in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended and describes the interpreted environmental conditions at the site based on available information and observations at the time the Phase One ESA was completed.

We trust this information is sufficient for your current needs. If you have any questions or require further information, please contact the undersigned.

Connor Shaw, B. Eng
Environmental Scientist

Brenda Thom, M.Sc.(Eng.), P.Eng
Senior Environmental Engineer

CS/BT

Enclosures
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EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Bell and Associates Architecture (Bell & Associates) to complete a Phase One Environmental Site Assessment (ESA) for the proposed commercial development at 2885 Carp Road, in Carp, Ontario (the 'Site'). The location of the Site is shown on Figure A.1, Appendix A.

GEMTEC understands that the Phase One ESA is required to inform the proposed construction works and determine the potential for soil and groundwater contamination within the project limits. As the Site will not be changing to a more sensitive land use, the filing of a Record of Site Condition (RSC), as regulated by Ontario Regulation (O.Reg.) 153/04 under the Environmental Protection Act, is not mandatory. The Phase One ESA was conducted in general accordance with O.Reg. 153/04, as amended to support a site plan control application with the City of Ottawa.

The following areas of potential environmental concern were identified:

APEC 1 – Fill of Unknown Origin on the Site

Through review of aerial photographs and the site reconnaissance, it was determined that fill of unknown origin was present across the Site, particularly on the southwest portion where a previously identified wetland was filled in between 2014 and 2019. The associated contaminants of potential concern (COPC) are metals and inorganics (M&I), and polycyclic aromatic hydrocarbons (PAHs) in soil. This APEC is present across the Site.

A Phase Two ESA is recommended to be completed for the Site, to investigate soil quality in the vicinity of the identified APEC, and to support the future development and construction planning.

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1.0 INTRODUCTION

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Bell & Associates Architecture (Bell & Associates) to complete a Phase One Environmental Site Assessment (ESA) for the proposed commercial development at 2885 Carp Road (the 'Site'), in Ottawa, Ontario. The location of the Site is shown on Figure A.1, Appendix A.

GEMTEC understands that the Phase One ESA is required to inform the proposed construction works and determine the potential for soil and groundwater contamination within the project limits. As the Site will not be changing to a more sensitive land use, the filing of a Record of Site Condition (RSC), as regulated by Ontario Regulation (O.Reg.) 153/04 under the Environmental Protection Act, is not mandatory. The Phase One ESA was conducted in general accordance with O.Reg. 153/04 to support a site plan control application with the City of Ottawa.

1.1 Phase One Property Information

The Site is currently operated commercially with two structures used as temporary site offices by Bekim Concrete. The majority of the Site consists of gravel fill material, grass, two tire mounted trailers, and two shipping containers. The Site boundary is shown on Figure A.2, Appendix A.

The Site is rectangular in shape and is located on the west side of Carp Road. The Site has an area of approximately 1.21 hectares (2.99 acres). The PIN ID and legal description for the Site are presented below:

- 04538-0128 (LT): Part of Lot 9 Concession 3 Huntley Parts 3 & 4, 5R10814; West Carleton; City of Ottawa.

A copy of the title search for the Site can be found in Appendix C.

Based on a cursory review of available information, the Site land use category is presently rural commercial. Property uses in the vicinity of the Site include commercial, community use roadways/pathways, and residential. The location of the Site is shown on Figure A.1, Appendix A.

Authorization to proceed with the Phase One ESA was granted via email by Tim Gilchrist of Bell & Associates Architecture on April 11, 2022.

2.0 SCOPE OF INVESTIGATION

2.1 General Objectives

The general objectives of the Phase One ESA were to:

- Develop a preliminary determination of the likelihood of contamination in soil or groundwater at the Site; and,
- Determine the need for a Phase Two ESA.

The general objectives were met though the evaluation of the information gathered from the review of records, an interview and a site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described below.

This Phase One ESA was completed by persons who qualifications are presented in Appendix B.

2.2 Records Review

The records review was conducted to obtain and review records related to the Site and the surrounding lands within a 250 m radius (Phase One "Study Area") to identify current and past land uses and activities that may have impacted the soil and groundwater quality on-site. The following available records were reviewed as part of this investigation:

- Bedrock and Overburden Geology Maps – Overburden and bedrock geology maps provided by Ontario Basic Mapping, the Ministry of Natural Resources and Forestry, and Environmental Systems Research Institute were reviewed in order to identify the underlying soil deposits and bedrock types.
- Fire Insurance Maps and Reports – A search of available fire insurance maps and reports was performed for the Site and study area to confirm the development history of the study area. This information can be used to assess the historical occupants in the study area, the historical presence of storage tanks, and general development.
- City Directories – A city directory search was conducted for the Site and adjacent properties using available records, in order to review the past and/ or present use of the Site.
- ERIS Databases – The Environmental Risk Information Services (ERIS) searches 73 public and private information databases to identify potential environmental concerns and summarizes the records related to the Site and Study Area in a report. An ERIS report was obtained for the Site and the 250-metre study area.
- Review of available information from regulatory agencies (i.e. Technical Standards and Safety Authority (TSSA), and Local Municipal Works or Engineering Department). These sources can provide information regarding the presence of fuel storage tanks, approvals and permits.
- Aerial Photographs – Aerial photographs taken at regular intervals were reviewed for the Site and study area. The photographs were reviewed in order to identify potential environmental concerns resulting from historical land uses on the Site and within the study area;
- "Mapping of Federally Owned Contaminated Sites" prepared by Treasury Board of Canada Secretariat was reviewed; and

- "Ontario Inventory of PCB Storage Sites" dated January 1992 and prepared by Ontario Ministry of the Environment (Waste Management Branch) was reviewed.

2.3 Interview

The objective of the interview was to assist in the identification of potentially contaminating activities (PCAs) that may have led to areas of potential environmental concern (APECs) at the Site based on knowledge of the interviewee of current and historical activities at the Site or within the study area.

GEMTEC interviewed Afrim Bega, employee of Bekim Concrete. The interview took place on the Site on April 20,2022. Mr. Bega was asked about activities that could have contributed to contamination of soil and groundwater within the study area.

2.4 Site Reconnaissance

The site reconnaissance was conducted to document current on-site conditions and determine if visually apparent PCAs and/ or APECs are present at the Site. The purpose of the site reconnaissance was to determine if APECs exist through observations on current uses and PCAs on, in or under the Site and, as practicable, current uses and activities resulting in PCAs as observed within the Phase One Study Area.

To meet the specific site reconnaissance objectives outlined above, the Site was visually assessed to document current conditions and evaluate the potential for environmental impacts to soil and groundwater. The Site was also inspected to identify if possible preferential pathways such as underground utilities exist on the Site that may affect the fate, transport, and distribution of contaminants within the subsurface. Adjacent properties were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the Site.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Previous Environmental Reports

No previous historical environmental reports were provided to GEMEC to review as part of this Phase One ESA.

3.1.2 Phase One Study Area Determination

The Site has an area of approximately 1.21 hectares (2.99 acres) and is located on the west side of Carp Road in the west end of Ottawa, Ontario

The Site land use is presently considered rural commercial. Historical use of the Site was considered agricultural.

Based on this information, a study area of 250 metres surrounding the Site is deemed sufficient for the purpose of this Phase One ESA. The location of the Site and the extent of the Phase One ESA study area are provided on the Study Area Plan, Figure A.1, Appendix A. A Detailed Site Plan is provided on Figure A.2, Appendix A.

3.1.3 Surficial and Bedrock Geology

Surficial and bedrock geology maps of the Ottawa area were reviewed with Google imagery. Based on the review, overburden in the vicinity of the Site generally consists of coarse textured glaciomarine deposits with sand, gravel, minor silt, and clay with a thickness of approximately 5 to 10 metres (ESRI, 2016). Bedrock is mapped as primarily limestone, dolostone, shale, arkose, and sandstone from the Ottawa and Simcoe Groups of the Shadow Lake Formation (ESRI, 2016).

3.1.4 Topography and Hydrogeology

Topographic mapping available through the Ministry of Natural Resources and Forestry was reviewed to determine topographic features in the vicinity of the Site and study area.

The elevation of the Site is between approximately 115 and 120 metres above sea level with a regional sloping topography to the northeast towards the Carp River located, at is closest point, approximately 2.3 kilometer northeast of the northern extent of the Site (MNRF, 2019).

Regional groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography and hydrogeological features, it is anticipated that regional shallow groundwater flow would be to the east.

3.1.5 Water Bodies and Areas of Natural Significance

Three small, unnamed ponds were identified within the study area on an Ontario Ministry of Natural Resources and Forestry (MNRF) map. One of the ponds has a small portion overlaying the south portion of the Site; the second is located approximately 63 meters south of the Site, and the third is approximately 200 meters northwest of the Site (Ontario GeoHub, 2021).

Through a review of the Heritage Map website of the Ministry of Natural Resources and Forestry, one endangered species, Loggerhead Strike, was identified in the 1 km grid that the Site occupies. However, the site was a forested portion of land, and the Loggerhead Strike's habitat is grasslands. Therefore, it is unlikely that the development of the Site is removing the habitat of this endangered bird.

An unevaluated wetland was present at the southwest end of the Site. However, upon review of the aerial photographs, this wetland appears to have been filled in sometime between 2018 and 2019. No Areas of Natural Significance were identified on the Site or within the study area.

3.1.6 First Developed Use Determination

According to a review of available historical aerial photographs, the Site was first developed for agricultural use sometime prior to 1945.

3.1.7 Fire Insurance Plans

A search for Fire Insurance Plans (FIPs) or Insurance Reports was completed with OPTA Information Intelligence (OPTA) through ERIS. No FIPs or Insurance Reports were found for the study area.

3.1.8 City Directories

A search of the City Directories was completed by ERIS for properties in the study area including: 2825, 2848, 2869, 2877, 2878, 2885, and 2900 Carp Road, 500 Osmond Daley Drive, and 350, 370, 390 West Lake Circle. The records were reviewed and the following PCAs were identified:

- PCA *10. Commercial Autobody Shops* at 2848 Carp Road:
  - Carp Automotive Repair Service (1996, 1997);
  - Carp Road Collision Appraisal Centre (1996, 1997, 2006, 2007, 2011)*;*
  - R & R Auto Ottawa (2006, 2007);
  - AC Automotive – (2011)

- PCA *11. Commercial Trucking and Container Terminals* at 2848 Carp Road:
  - U-Haul Co Ltd (2006, 2007);
  - Import Extra Ltd (2006, 2007, 2011)*;*

- PCA *27. Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles at 2825 Carp Road*
  - George's Marine & Sports (2006, 2007).

A copy of the search results is provided in Appendix C.

3.1.9 Chain of Title

A search was requested for the chain of title abstract for the Site. The Parcel Register Abstract for the Site was obtained from ERIS on April 16, 2022. The property was described as PART of LOT 9 CONCESSION 3 HUNTLEY PARTS 3 & 4, 5R10814; West Carlton; City of Ottawa. A copy of the Chain of Title can be found in Appendix D.

The parcel register abstract identified a numbered company transferring the Site to Bekim Holdings Inc. in April 2019; and a charge from Bekim Holdings Inc. to Westboro Management Ltd. and Westboro Mortgage Investment LP in April 2019.

3.1.10 Environmental Source Information

3.1.10.1 ERIS Database Report

GEMTEC contacted ERIS to conduct a search of 73 public and private information databases for the Site and study area. The complete ERIS report, including a list of the databases searched, is provided in Appendix E. All listings in the ERIS report were reviewed and the relevant highlights pertaining to the Phase One ESA study area are summarized in Table 3.1.

Table 3.1: Summary of ERIS Database Review

Address / Location	PCA#	Distance from Site	Company / Name	Database	Description
2879 Carp Road	28. Gasoline and Associated Products Storage in Fixed Tanks	49 meters east	Ultramar	Retail Fuel Storage Tanks	Two records identifying that the property has a fuel oil tank.
2848 Carp Road	OT 1 – Waste Generator	254 meters southeast	Import Extra Ltd.	Ontario Regulation 347 Waste Generators Summary	Registered as a waste generator of light fuels as of November 2021.
			Unplottable Records		
Lot 9 Concession 2	OT 2 – Aggregate Source	40 meters northeast	NA	Abandoned Aggregate Inventory	Identified as a rehabilitated pit.
Lot 10 Concession 3	58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Adjacent northwest	NA	Landfill Inventory Management Ontario	Listed as a historical landfill.
Lot 10 Concession 2	OT 3: Spill	40 meters north across	Ontario Hydro	Ontario Spills	Spill of 60 L spill of non-PCB transformer oil to the ground in 1996. Soil contamination was listed as possible.

The unplottable report summary was reviewed to determine if any of the records were located on the Site or within the study area. Many of the entries were only located geographically by concession, lot number, or company. Due to the uncertainty related to the location of the entries, and in most cases could not be confirmed as being present within the study area, many of these activities were not summarized in this report. The records for Concession 2 Lot 9, Concession 2 Lot 10, and Concession 3 Lot 10 summarized in Table 3.1 above, were obtained from the unplottable report summary.

PCAs identified in the review of the database records compiled in the ERIS report include:

- 28. Gasoline and Associated Products Storage in Fixed Tanks – A fuel oil tank was recorded at the property of 2879 Carp Road.
- OT 1 – A waste generator was identified at 2848 Carp Road, for generating light fuels in November 2021.
- OT 2 – A rehabilitated aggregate pit was identified on Concession 2 Lot 9.
- 58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners – Concession 3 Lot 10 was listed as a historical landfill;
- OT 3: Spills – Concession 2 Lot 10 was listed as having a 60 L spill of non-PCB transformer oil to the ground.

3.2 Regulatory Information

3.2.1 Technical Safety and Standards Authority

The TSSA was contacted on March 31st, 2022, to conduct a search of properties in the study area located at 2825 to 2962 Carp Road, 290 to 430 West Lake Circle, 500 to 548 Osmond Daley Drive, and 101 Arbourbrook Boulevard.

The TSSA response indicated no records of elevating devices, boilers/pressure vessels, or fuel storage tanks. A copy of the search request and the response from the TSSA is provided in Appendix F.

3.2.2 City of Ottawa

A request was made to the City of Ottawa for a search of the Historical Land Use Inventory (HLUI) database on April 18, 2022. The search provides information with respect to properties located within the study area which are considered to have a potential for environmental impacts. A response to the HLUI request has not yet been received from the City of Ottawa. If the City's response identifies records with respect to the Site which indicate areas of potential environmental concern, the client will be notified, and an update will be provided.

3.2.3 Mapping of Federally owned Contaminated Sites

A Government of Canada, Treasury Board of Canada Secretariat, interactive map illustrating a database of over 4,000 federally owned contaminated sites was reviewed. The database did not identify any federally owned contaminated sites within the study area (TBCS, 2021).

3.2.4 Ontario Inventory of PCB Storage Sites

The Waste Management Branch of the Ministry of the Environment, Conservation and Parks (MECP) published a report entitled "Ontario Inventory of PCB Storage sites in October 1991" in January 1992. The publication includes information of PCB storage sites collected under O.Reg. 11/82 through MECP district and regional offices. The database did not identify any PCB storage sites within the study area.

3.2.5 Landfills

A Government of Ontario map and website for large landfill sites and small landfill sites was reviewed. The database did not identify any historical or current landfills in the study area (Large landfill sites map, 2021; Small landfill sites list, 2021).

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs available from the National Air Photo Library (NAPL) were reviewed for 1945, 1955, 1963 and copies are provided in Appendix G. Photographs from 1976, 1991, 1999, 2008, 2014, 2019, and 2021 provided by Google Earth and geoOttawa (Google Earth, 2018; geoOttawa, 2020) were reviewed as part of the investigation but are not reproduced within this report due to copyright limitations. Aerial photographs were reviewed to evaluate development progress and potential environmental liabilities, associated with the Site and surrounding lands. A summary of the aerial photograph information is provided in Table 3.2.

Table 3.2: Summary of Aerial Photograph Review

Date	Source	Observations
1945	NAPL	• The Site appears to be agricultural land. • Carp Road is visible adjacent to the northeast of the Site. • The small lake identified on the MNRF map is visible on a portion of the Site and southeast of the Site; • The study area appears to be developed as community use roadways and agricultural land with potential residential and farming structures to the south, east, and north of the Site. • Wooded areas are visible south of the Site in the study area.
1955	NAPL	• No significant changes to the Site from the 1945 aerial photograph.
1963	NAPL	• A driveway adjacent to the southeast boundary of the Site is visible. • The southwest portion of the Site no longer appears to be used as agricultural field. This portion of the Site appears to have been stripped of vegetation

Date	Source	Observations
		leaving a depression, along with the land adjacent to the southeast in the study area. • The second small lake identified on the MNRF map, approximately 60 m southeast of the Site, is visible southeast of the Site in the study area.
1976	geoOttawa	• A roadway adjacent to the northwest portion of the Site is visible leading to worked soil on a formerly agricultural property. • The third lake identified on the MNRF is visible west of the Site in the study area. It appears that the lake was constructed as part of a quarry operation surrounding the lake.
1991	geoOttawa	• The Site appears to be used for agricultural/forestry purposes as a tree plantation is visible on the northeast portion of the Site. • The lake in the southwest portion of the Site has been extended to the northwest. • The land adjacent to the northwest is occupied by a large quarry operation with a lake at the center, larger than the lake visible in the 1976 aerial photograph.
1999	geoOttawa	• Additional commercial developments are visible in the southeast portion of study area, on both sides of Carp Road. • The quarry visible in the 1976 and 1991 aerial photographs appears to be no longer be operational, with the area vegetated around the large lake.
2008	geoOttawa	• The Site is covered in vegetation. • Community use roadways for a residential development are visible surrounding the former quarry operation located northwest of the Site. The lake present to the northwest has been reshaped, and fill piles are visible to the northeast of that lake. • Additional commercial developments are visible in the south portion of the study area on the south side of Carp Road. • Stockpiles of material are visible along the southwest boundary of the Site, on the adjacent property.
2014	geoOttawa	• Multiple residential developments visible surrounding the lake and former quarry operation in the northwest portion of the study area. • Additional community use roadways visible to the southwest of the Site for residential properties present to the southwest.
2019	geoOttawa	• Vegetation on the west portion of the Site has been cleared and 2 to 3 structures are visible in the center of the Site. The small lake on the southwest portion of the Site, and the portion of the lake to the southeast of the Site, have been filled in. Stockpiles are visible on the southwest portion of the adjacent property to the southeast. • Additional residential developments are visible to the northwest and southwest of the Site in the study area. • Additional commercial developments visible to the east and northeast of the Site in the study area.
2021	Google Earth	• The trees on the northeast portion of the Site have been removed The central portion of the Site appears to have 2 buildings with storage containers and a concrete pad with potentially ASTs on it. • No significant changes to the study area.

PCAs identified during the aerial photograph review include:

- 30. Importation of Fill Material of Unknown Quality
    - Fill material of unknown quality was brought to the Site between 2014 and 2019 to fill the southwest portion of the Site.
- Other – 2
    - A quarry operation was visible adjacent to the northwest of the Site as recent as 1991.
- 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
    - The Site was used historically for agricultural purposes.

3.3.2 Fill Materials

Fill material of unknown origin was identified across the Site and is recognized as a potential source of contamination, PCA #30: Importation of Fill Material of Unknown Quality, in accordance with O.Reg. 153/04.

3.3.3 Well Records

Water well records were reviewed from the MECP for the Site and study area. A total of 68 water wells were identified within the study area. A summary of the approximate location of the water wells can be found in Figure A.3.

4.0 INTERVIEW

An interview was carried over the phone with Afrim Bega of Bekim Concrete on April 20, 2022. Mr. Bega is employed by Bekim Concrete and has been familiar with the Site for approximately 4 years. The following relevant information concerning potentially contaminating activities and areas of potential environmental concern were noted:

- Mr. Bega indicated that the Site is currently used for a site office for Bekim Concrete.
- Mr. Bega noted that there are two ASTs on the Site (1 for gasoline and 1 for diesel).
- Mr. Bega indicated the presence of one domestic well on the Site.
- Mr. Bega indicated that a temporary wastewater holding tank is present on the Site.
- Mr. Bega noted that the two site trailers on the Site were temporary structures.

Based on information provided in the interview, the following PCAs were identified:

- 28. Gasoline and Associated Products Storage in Fixed Tanks;
    - Two aboveground storage tanks were observed on the Site.

5.0 SITE RECONNAISSANCE

5.1 General Site Conditions

A GEMTEC representative, Mohit Bhargav, visited the Site and conducted the site reconnaissance on April 22nd, 2022, between the hours of 2:30 PM and 3:15 PM. The study area was assessed in a systematic manner by walking the project extents and recording visual and olfactory observations. The weather at the time of the site reconnaissance was sunny and the air temperature was approximately 8°C.

5.2 Site Photographs

Photographs of the Site were taken during the course of the site reconnaissance to document the general condition of the Site. Selected relevant photographs are presented in Appendix H. A discussion of the photographs is provided in Table 5.1.

Table 5.1: Summary of Site Photographs

Photograph Number	Compass Orientation	Description
Photograph 1	Southwest	View of the Site along the northwest property boundary from Carp Road.
Photograph 2	Southwest	View across the northeast portion of the Site.
Photograph 3	Northeast	View of the Site looking northeast from the southwest boundary.
Photograph 4	Northeast	Fill material present on the southwest portion of the Site.
Photograph 5	North	Two aboveground storage tanks along the southeast property boundary of Site.
Photograph 6	East	View of the fueling area, no staining observed.

5.3 Adjacent Lands

Adjacent properties were viewed from the Site and publicly accessible boundaries to assess the potential for current land uses in the vicinity to adversely impact the Site. The following adjacent properties were observed:

North: Residential development;

South: Commercial storage yard on the southwest portion, residential on the northeast portion;

East: Community use roadway (Carp Road) followed by commercial and agricultural use; and,

West: Residential development.

5.4 Site Reconnaissance Limitations

The structures onsite were not accessible due to concern with COVID-19.

5.5 Hazardous Materials

5.5.1 Lead

Under the federal Hazardous Products Act, the lead content in interior paint was limited to 0.5% by weight in 1976. After 1980, lead was not used in interior paints; however, exterior paints may have still contained lead. All consumer paints produced and imported into Canada were virtually lead-free as of 1992.

Based on the age of the buildings, no lead based paints are anticipated at the Site. Further, no lead based paint was observed during the site reconnaissance.

5.5.2 Mercury

Mercury is commonly found in thermostats and electrical switches, as well as mercury vapour-containing fluorescent light bulbs.

Mercury was not observed at the time of site reconnaissance; however, access into the buildings was not provided.

5.5.3 Storage Tanks

Two aboveground storage tanks (ASTs) were identified on the Site – one 4,550 L tank for gasoline and one 1,550 L tank for diesel. Both tanks were installed less than one year ago and are rented from MacEwan Petroleum. There were no signs of staining on the tanks due to overfilling, nor on the concrete pad underneath the tanks due to leaks. However, the concrete pad on which the tanks were stationed did not have secondary containment.

5.5.4 Polychlorinated Biphenols (PCBs)

From the 1930s to the 1970s, PCBs were used to make coolants and lubricants for certain kinds of electrical equipment, including transformers and capacitors, and were widely used in a number of industrial materials including sealing and caulking compounds, inks, and paint additives. PCBs are an environmental concern as they do not readily degrade and have been identified to bio-accumulate. In Canada, the Federal Environmental Contaminants Act (1976) prohibited the use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, the storage and disposal of PCB waste materials is regulated.

Pole mounted transformers were identified along Carp Road in the study area. All transformers appeared to be in good condition with no observed staining to indicate leakage.

5.5.5 Asbestos Containing Materials (ACM)

Asbestos has been used in many products in buildings and continues to be used in some building products today. Two categories of asbestos were used in building construction (i) non-friable asbestos-containing materials (ACMs), and (ii) friable ACMs. Products that contain non-friable (hard or non-crumbly) asbestos include floor tiles, cement sheeting and pipes, motor vehicle brakes, and roofing materials. The use of these products has declined significantly since the 1970s; however, these products are still legal and are still used in Canada today. Friable asbestos materials can be crumbled, pulverized, or reduced to powder by hand pressure. Due to the softer nature of these products, the fibres can more readily be released to the air where they can be inhaled. Most friable products were withdrawn from the Canadian market in the 1970s, production of friable products ceased, and they were commercially unavailable by 1982. However, it was not until 1985 that provincial regulatory bodies enforced a complete ban on friable asbestos products. Common friable products included sprayed fireproofing, sprayed acoustic or decorative finishes, and thermal insulation on piping or mechanical systems.

No ACMs were observed at the time of site reconnaissance.

5.5.6 Urea Formaldehyde Foam Insulation (UFFI)

UFFI became an insulation product for existing houses in Canada in the 1970s; however, it was banned in Canada in 1980 under the Hazardous Products Act. UFFI can begin to deteriorate if exposed to water and moisture, and its degradation can result in formaldehyde gas emissions.

No UFFI was observed at the time of site reconnaissance.

5.5.7 Solid Waste Disposal Practices

The Site has weekly municipal waste management collection that is available within the study area.

5.5.8 Ozone Depleting Substances

In 1998, the Federal government filed the Ozone-Depleting Substances Regulations. The Regulations reflect Canada's commitment to meet its requirements under the Montreal Protocol on Substances that Deplete the Ozone Layer. The Montreal Protocol is an international agreement signed by over 180 countries to control the production and exchange of certain ozone-depleting substances. The Regulations are intended to further reduce emissions of ozone-depleting substances and were amended in 2001, 2002, and 2004.

No ozone depleting substances were identified during the site reconnaissance.

5.5.9 Radon Gas

Radon is a colourless, tasteless radioactive gas with a very short half-life of 3.8 days. The health risk potential of radon is associated with its rate of accumulation within confined areas, particularly

confined areas near or in the ground, such as basements, where vapours can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure.

The Site is in a guarded radon zone, meaning there is not high potential for radon to be present within Site. However, it should be noted that actual radon concentrations can only be determined using Long-term Measurement techniques, as described within Health Canada's 'Guide for Radon Measurements in Public Buildings' document (Health Canada, 2016).

5.6 Unidentified Substances

No unidentified substances were identified at the time of the site reconnaissance.

5.7 Odours

No significant odours were identified in and around the Site at the time of site reconnaissance.

5.8 Water, Wastewater and Storm Water

No wastewater or stormwater systems were identified at the time of the site reconnaissance.

One domestic well was observed on the Site, along the northwest property boundary, located west of the on-site office building.

5.9 Pits, Ponds and Lagoons

No ponds, pits, or lagoons were observed on the Site at the time of the site reconnaissance.

5.10 Stained Materials and Stressed Vegetation

No stained materials or stressed vegetation were observed at the time of the site reconnaissance.

5.11 Watercourses, Ditches or Standing Water

No watercourses, ditches or standing water were observed during site reconnaissance.

5.12 Issues of Potential Environmental Concern

Two PCAs identified during the site reconnaissance within the study area included:

- 28. Gasoline and Associated Products Storage in Fixed Tanks
  - Two aboveground storage tanks were observed on the Site.
- 30: Importation of Fill Material of Unknown Quality
  - Fill material was observed across the Site.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

The Site is currently rural commercial land and covered with gravel fill, grass, and a few temporary structures including an office building and a garage building. Past uses of the Site appear to be for agricultural purposes. The Site is owned by Bekim Holdings Inc.

6.2 Potentially Contaminating Activities

The Phase One ESA identified 10 PCAs on the Site and within the study area, which are summarized in Table 6.1 and identified on Figure A.1 within Appendix A.

Table 6.1: Summary of PCAs Identified within the Study Area

Address of PCA	PCA Identifier	Distance From Site	Description	Data Source	PCA Resulted in APEC Rational
Site	30	On site	Fill material of unknown quality was observed across the Site.	Site Recon	Yes Based on the fill material being located on the Site.
	40		The Site was used for agricultural purposes as recently as 1955.	Aerials	No Based on the length of time since application and unlikely persistence in the soil.
	28		Two aboveground storage tanks were observed on the Site – one gasoline and one diesel.	Site Recon	No Based on the age of the tanks, lack of staining on the tanks, no stains on the concrete pad nor on the gravel in the fueling area.
Lot 9 Concession 2	OT2	40 meters northeast	Listed as a rehabilitated pit.	ERIS	No Based on the aerial photos, no aggregate pit was present on the lot and concession identified.
2879 Carp Road	28	49 meters east	Listed as having a fuel oil tank on the property	ERIS	No Based on anticipated groundwater flow direction.
Lot 10 Concession 3	58	Adjacent northwest	Listed as a historical landfill.	ERIS	No Based on the uncertainty of the actual location of the landfill and no evidence of a landfill in the aerial photographs
	OT 2	Adjacent northwest	A quarry operation was noted on the property as recent as 1991.	Aerials	No Based on the proximity to Site and type of activity.
Lot 10 Concession 2	OT 3	40 meters north	Listed as having a 60 L spill of non-PCB transformer oil to the ground in 1996. Soil contamination was listed as possible.	ERIS	No Based on distance uncertainty of spill location and anticipated groundwater flow direction.

Address of PCA	PCA Identifier	Distance From Site	Description	Data Source	PCA Resulted in APEC Rational
2848 Carp Road	11, 10 OT 1	254 meters southeast	Listed as having multiple automotive garages and commercial trucking companies. Listed as being a waste generator of light fuels in 2021.	City Directory	No Based on the distance from the Site and anticipated groundwater flow direction.
2825 Carp Road	37	252 meters southeast	Listed as George's Marine & Sports	City Directory	No Based on the distance from the Site and anticipated groundwater flow direction.

Notes:

ERIS – ERIS Database Report
Site Recon – Site Reconnaissance
Aerials – Aerial Photographs

10.	Commercial Autobody Shops
11.	Commercial Trucking and Container Terminals
28.	Gasoline and Associated Products Storage in Fixed Tanks
30.	Importation of Fill Material of Unknown Quality
37.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners.
OT 1	Registered Waste Generator
OT 2.	Aggregate Source
OT 3	Spill

6.3 Areas of Potential Environmental Concern

GEMTEC identified one APEC at the Site resulting from the on-site PCA with a potential to result in contamination to soil on the Site. The identified APEC is summarized in Table 6.2 below and Figure A.3 in Appendix A.

Table 6.2: Summary of Areas of Potential Environmental Concern

APEC	PCA Identifier	Description	Area of the APEC	Media Impacted	COPCs
1	30	Fill material of unknown origin was noted across the Site, particularly the southwest portion where a previously identified wetland was filled between 2014 and 2019 according to aerial photographs.	Across the Site.	Soil	M&I PAHs

Notes:

M&I: Metals and Inorganics

PAHs: Polycyclic Aromatic Hydrocarbons

30. Importation of Fill Material of Unknown Quality

A summary and description of the identified APEC and pertinent contaminants of potential concern (COPCs) is provided in Section 6.3.1.

6.3.1 APEC 1 – Fill of Unknown Origin on the Site

Through review of aerial photographs and the site reconnaissance, it was determined that fill of unknown origin was present across the Site, particularly on the southwest portion where a previously identified wetland was filled in between 2014 and 2019. The associated contaminants of potential concern (COPC) are metals and inorganics (M&I), and polycyclic aromatic hydrocarbons (PAHs) in soil. This APEC is present across the Site.

6.4 Phase One Conceptual Site Model

Based on the historical review, interview, and site reconnaissance, GEMTEC concludes that there is potential for soil contamination at the Site. Information presented in this report that contributes to the development of the conceptual site model (CSM) is presented as applicable in Figures A.1 through A.3 in Appendix A, and is summarized as follows:

- A total of 64 water wells were identified within the study area.
- The Site is serviced by the municipality for electricity. Water is provided by a domestic well and a temporary wastewater holding tank is present on the Site.
- Surficial and bedrock geology maps of the Ottawa area were reviewed. Based on the review, overburden in the vicinity of the Site generally consists of coarse textured glaciomarine deposits with sand, gravel, minor silt and clay with a thickness of between approximately 5 to 10 metres (ESRI, 2016). Bedrock is mapped as primarily limestone, dolostone, shale, arkose, and sandstone from the Ottawa and Simcoe Groups of the Shadow Lake Formation (ESRI, 2016).
- Ground cover on the Site consists of grass and gravel fill material. Two tire mounted site trailers are also present.
- The Carp River located at is closest point, approximately 2.3 kilometre northeast of the Site. Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography and hydrogeological features, it is anticipated that local shallow groundwater flow direction is to the east.
- Three small, unnamed ponds are present within the study area. From review of historical aerial photographs, the ponds appear to be man made.
- Based on the review of records, and the site reconnaissance completed as part of the Phase One ESA, GEMTEC identified 10 PCAs for the study area resulting in one APEC for the Site.

Information considered for the development of this CSM was gathered from numerous sources (i.e. aerial photographs, city directories, environmental database searches, physical setting

sources, an interview, and site reconnaissance) which reduces the potential for not identifying a former property use or PCA.

6.4.1 Discussion of Uncertainty

There is uncertainty with the Phase One Conceptual Site Model associated with using well record data, topographic and geology maps from external sources. Moreover, information regarding the use of chemicals on the aerial photographs where agricultural lands were identified is unknown, and the location of the historical landfill could not be confirmed. Information based on these sources may have changed since publishing due to construction, seasonal variations, or other factors.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the review of records, and site reconnaissance, potential environmental concerns are present at the Site resulting from historical and /or current activities. The PCAs resulted in the identification of one APEC on the Site as follows:

- APEC 1 – Fill of Unknown Origin on the Site

A Phase Two ESA is recommended to be completed for the Site, to investigate soil quality in the vicinity of the identified APEC, and to support the proposed development and construction planning.

8.0 LIMITATIONS OF LIABILITY

This Phase One ESA was carried out in general accordance with O.Reg. 153/04, as amended. The results of this Phase One ESA should in no way be construed as a warranty that the Site is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of Bell and Associates Architecture and is based on data and information collected during the Phase One ESA of the property conducted by GEMTEC Consulting Engineers and Scientists Limited at the time of the investigation. This report may not be relied upon by any other person or entity without the express written consent of GEMTEC Consulting Engineers and Scientists Limited, and Bell and Associates Architecture. In evaluating this site, GEMTEC Consulting Engineers and Scientists Limited has relied in good faith on information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others.

The assessment of environmental conditions and possible site hazards presented has been made using the available historical and technical data collected and provided by others. The conclusions provided herein represent the best judgment of GEMTEC Consulting Engineers and Scientists

Limited based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities.

The scope of the Phase One ESA is sufficient to identify existing and/or potential environmental liabilities that are obvious from visual examination of surface features and from available sources of information. This level of work is a method of risk reduction, not risk elimination. No building materials, water, liquid, gas, products or chemical sampling and/or testing on or in the vicinity of the Site was carried out as part of this assessment. The Phase One ESA does not include a program of intrusive observation/testing. These activities would be carried out as part of a Phase Two ESA. This environmental assessment included only a cursory overview of the neighbouring land uses from public right of ways and from the Site and does not constitute a complete assessment of the adjacent sites.

9.0 REFERENCES

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10.0 CLOSURE

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

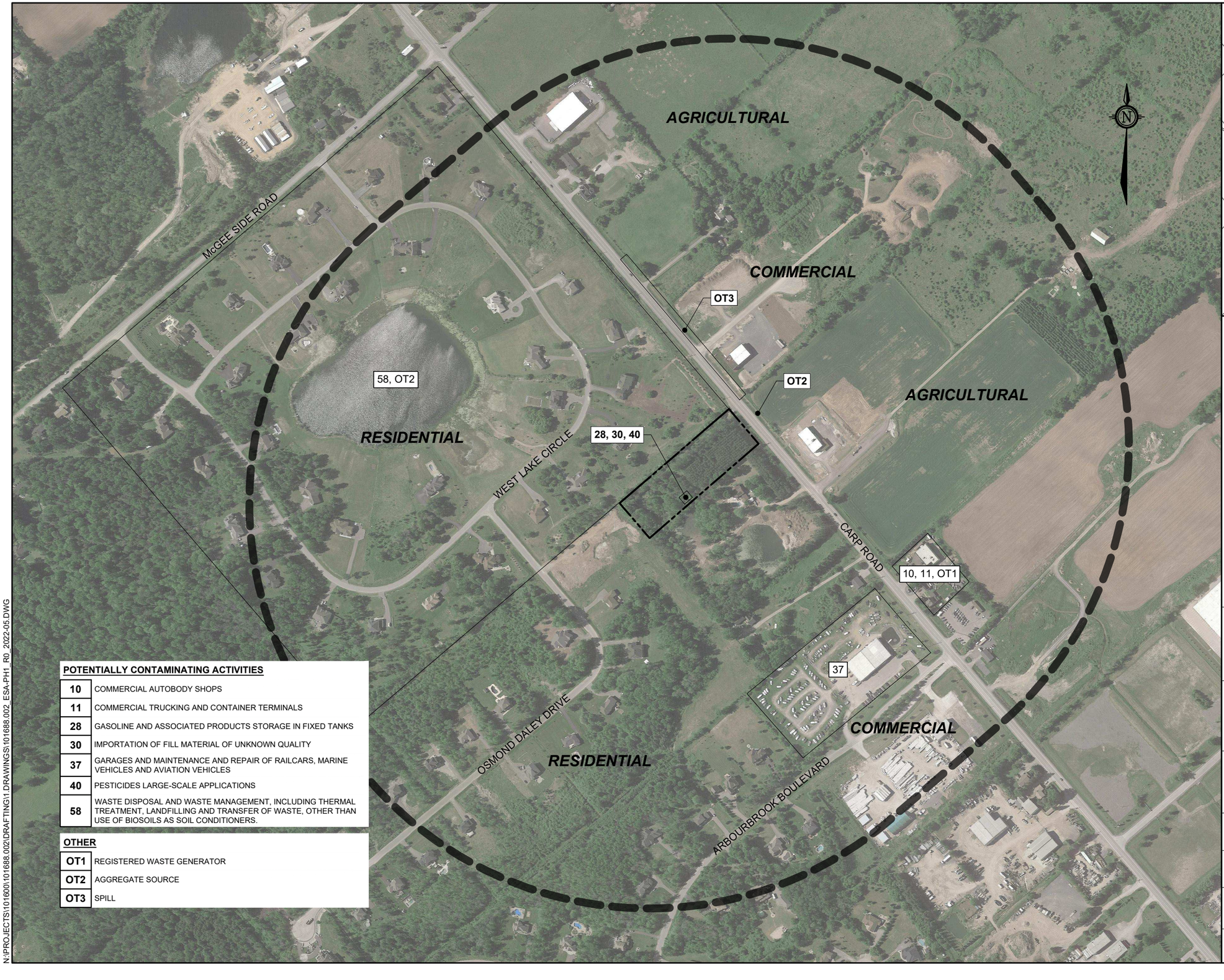
Sincerely,

Connor Shaw, B. Eng.
Environmental Scientist

Brenda Thom, M.Sc.(Eng.), P.Eng.
Senior Environmental Engineer

APPENDIX A

Figures



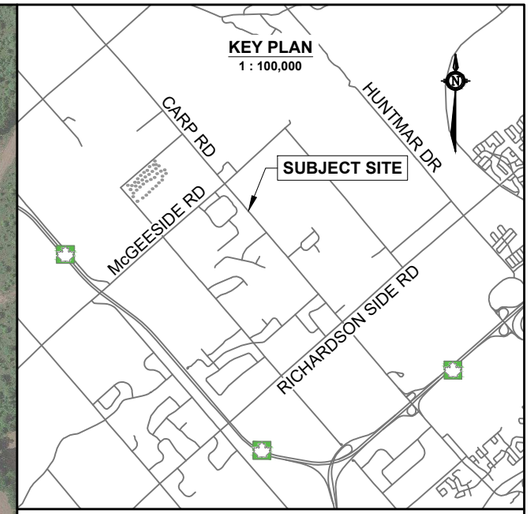
POTENTIALLY CONTAMINATING ACTIVITIES

10	COMMERCIAL AUTOBODY SHOPS
11	COMMERCIAL TRUCKING AND CONTAINER TERMINALS
28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
37	GARAGES AND MAINTENANCE AND REPAIR OF RAILCARS, MARINE VEHICLES AND AVIATION VEHICLES
40	PESTICIDES LARGE-SCALE APPLICATIONS
58	WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS.

OTHER

OT1	REGISTERED WASTE GENERATOR
OT2	AGGREGATE SOURCE
OT3	SPILL

KEY PLAN
1 : 100,000



LEGEND

APPROXIMATE PROPERTY BOUNDARY

STUDY AREA
(250m RADIUS FROM THE PROPERTY BOUNDARY)

Scale
1:5000
0 100 200 300m

GEMTEC
CONSULTING ENGINEERS AND SCIENTISTS
32 Steacie Drive
Ottawa, ON K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Drawing
STUDY AREA AND
POTENTIALLY CONTAMINATING ACTIVITIES

Client
BELL & ASSOCIATES ARCHITECTURE

Project
101688.002

PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT
2885 CARP ROAD
CARP, ONTARIO

Drwn by
S.L.

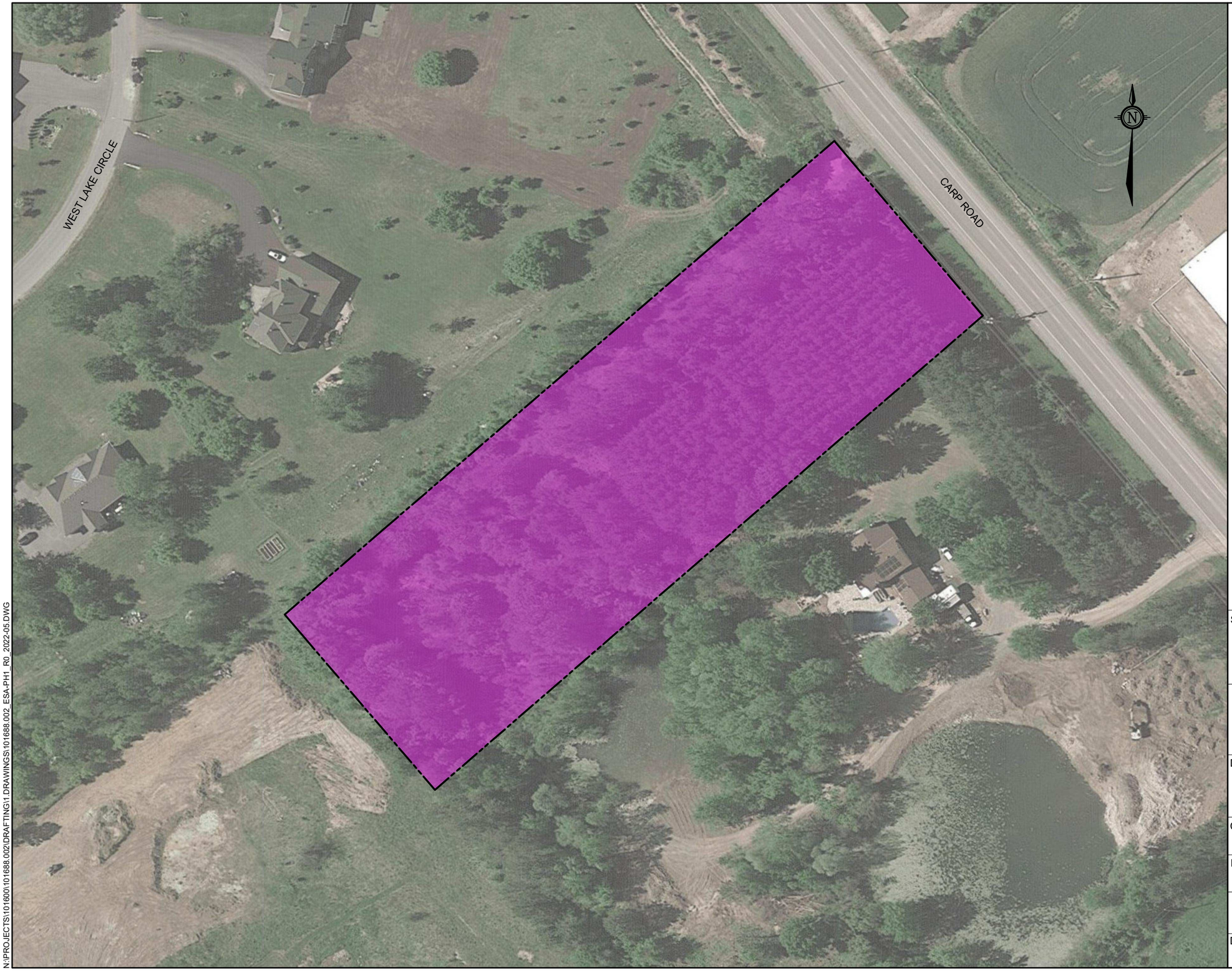
Chkd by
B.T.

Date
JUNE, 2022

Rev.
0

FIGURE A.1

N:\PROJECTS\101600\101688.002\DRAFTING\1.DRAWINGS\101688.002_ESA-PH1_R0_2022-05.DWG



LEGEND

APPROXIMATE PROPERTY BOUNDARY

AREAS OF POTENTIALLY CONTAMINATIONG ACITIVITES

APEC 1:
FILL OF UNKNOWN ORIGIN AND AGRICULTURAL ACTIVITIES ON THE SUBJECT PROPERTY

Scale
1:1000
0 20 40 60m

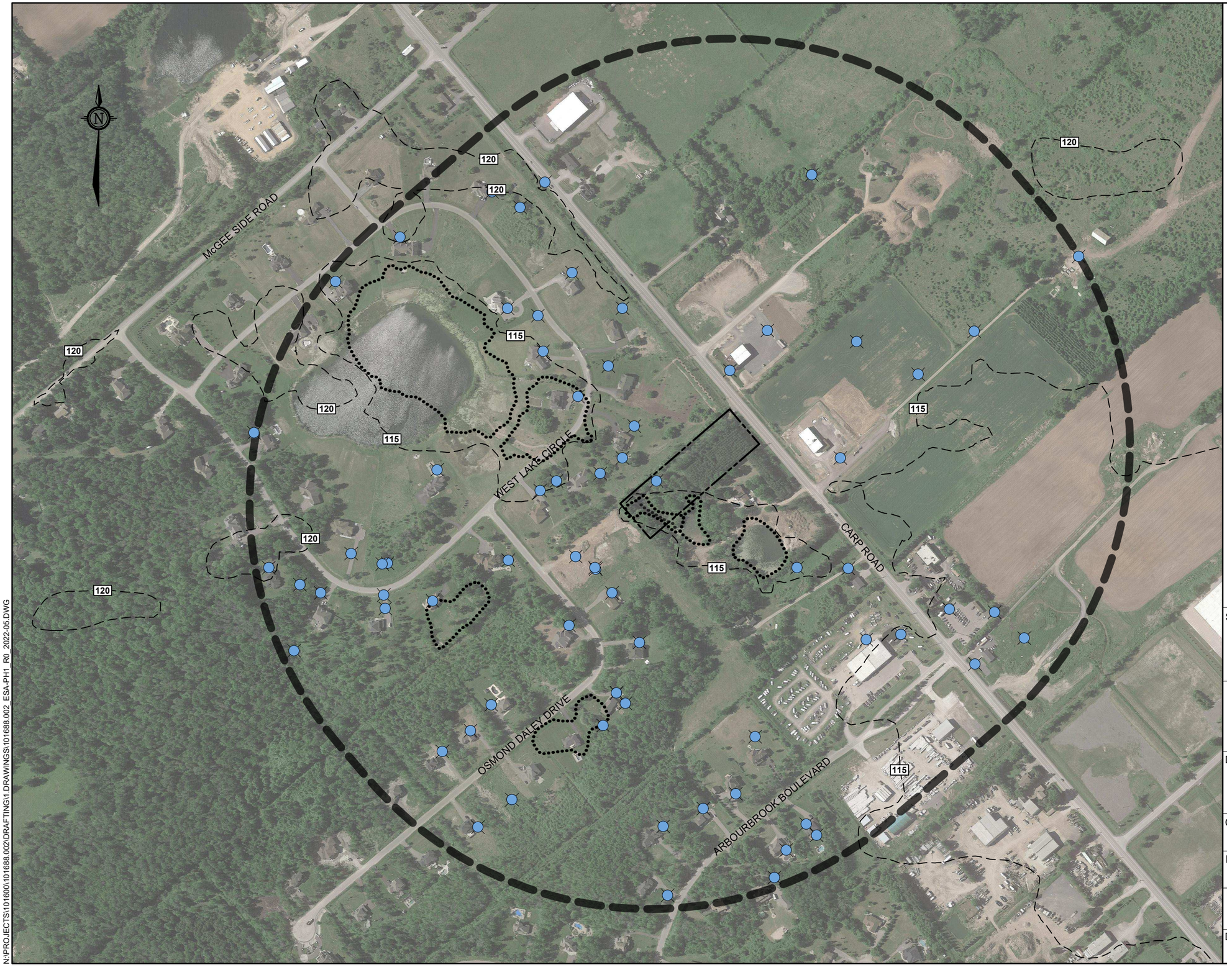
GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, ON K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Drawing
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Client
BELL & ASSOCIATES ARCHITECTURE

Project		PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2885 CARP ROAD CARP, ONTARIO
101688.002		
Drwn by	Chkd by	
S.L.	B.T.	
Date	Rev.	**FIGURE A.2**
JUNE, 2022	0	

N:\PROJECTS\101600\101688.002\DRAFTING\1.DRAWINGS\101688.002_ESA-PH1_R0_2022-05.DWG



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- **STUDY AREA** (250m RADIUS FROM THE PROPERTY BOUNDARY)
- 100 ONTARIO BASE MAPPING (OBM) CONTOUR, 5 METRE INTERVAL
- SURFACE WATER (OBM)
- MECP WELL

Scale 1:5000

0 100 200 300m

GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive
Ottawa, ON K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Drawing: STUDY AREA TOPOGRAPHY AND WELL LOCATIONS

Client: BELL & ASSOCIATES ARCHITECTURE

Project		PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2885 CARP ROAD CARP, ONTARIO
101688.002		
Drwn by: S.L.	Chkd by: B.T.	
Date: JUNE, 2022	Rev. 0	**FIGURE A.3**

N:\PROJECTS\101600\101688.002\DRAFTING\1.DRAWINGS\101688.002_ESA-PH1_R0_2022-05.DWG

APPENDIX B

Qualifications of Assessors

GEMTEC Consulting Engineers and Scientists Limited
32 Steacie Drive 613.836.1422
Ottawa, ON, Canada ottawa@gemtec.ca
K2K 2A9 www.gemtec.ca

QUALIFICATION OF ASSESSORS

Connor Shaw, B.Eng.Sc – Environmental Scientist

The primary assessor for this Phase I Environmental Site Assessment (ESA) was Mr. Connor Shaw. Mr. Shaw has a formal education, which includes a Bachelor of Engineering Science with a major in Biochemical and Environmental Engineering. This formal education has provided him with the knowledge and expertise to identify sources of environmental concern and evaluate their potential to cause environmental contamination.

Brenda Thom, M.Sc.(Eng.), P.Eng. – Environmental Engineer

The Phase I ESA was carried out under the supervision of Ms. Brenda Thom, M.Sc.(Eng.), P.Eng., a registered Professional Engineer in the Province of Ontario, and a Qualified Person ESA (QP_{ESA}) under Ontario Regulation (O.Reg.) 153/04 and 406/19. Ms. Thom has over 12 years of experience in the completion of Environmental Site Assessments to meet Phase I and II ESAs completed in accordance with the CSA Group Standards and Phase One and Two ESAs completed in accordance with O.Reg. 153/04.

APPENDIX C

City Directory

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *2885 Carp Road, Carp, ON*
Report Type: *City Directory*
Order No: *22041200122*
Information Source: *Vernon's Ottawa and Area, Ontario City Directory (LAC)*
Date Completed: *28/04/2022V*

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

City Directory Information Source
Vernon's Ottawa and Area, Ontario City Directory

PROJECT NUMBER: 22041200122	
Site Address:	2885 Carp Road, Carp, ON
Year: 2011	
Site Listing:	-Address Not Listed
Adjacent Properties:	
2825 Carp Road	-George's Marine & Sports
2848 Carp Road	-Import Extra LTD -AC Automotive -Carp Road Collision
2869 Carp Road	-Address Not Listed
2877 Carp Road	-Residential (1 Tenant)
2878 Carp Road	-Address Not Listed
2900 Carp Road	-Address Not Listed

500 Osmond Daley Drive	-Street Not Listed
350 West Lake Circle	-Address Not Listed
370 West Lake Circle	-Address Not Listed
390 West Lake Circle	-Address Not Listed

PROJECT NUMBER: 22041200122	
Site Address:	2885 Carp Road, Carp, ON
Year: 2006/07	
Site Listing:	-Address Not Listed
Adjacent Properties:	
2825 Carp Road	-George's Marine & Sports
2848 Carp Road	-R & R Auto Ottawa -Import Extra LTD -U-Haul Co LTD -Carp Road Collision -Juratovac A & J

2869 Carp Road	-Address Not Listed
2877 Carp Road	-Address Not Listed
2878 Carp Road	-Address Not Listed
2900 Carp Road	-Address Not Listed
500 Osmond Daley Drive	-Street Not Listed
350 West Lake Circle	-Street Not Listed
370 West Lake Circle	-Street Not Listed
390 West Lake Circle	-Street Not Listed

PROJECT NUMBER: 22041200122	
Site Address:	2885 Carp Road, Carp, ON
Year: 2001/02	
Site Listing:	-Address Not Listed
Adjacent Properties:	

2825 Carp Road	-Address Not Listed
2848 Carp Road	-Address Not Listed
2869 Carp Road	-Address Not Listed
2877 Carp Road	-Residential (1 Tenant)
2878 Carp Road	-Address Not Listed
2900 Carp Road	-Address Not Listed
500 Osmond Daley Drive	-Street Not Listed
350 West Lake Circle	-Street Not Listed
370 West Lake Circle	-Street Not Listed
390 West Lake Circle	-Street Not Listed

PROJECT NUMBER: 22041200122	
Site Address:	2885 Carp Road, Carp, ON
Year: 1996/97	

Site Listing:	-Address Not Listed
Adjacent Properties:	
2825 Carp Road	-Address Not Listed
2848 Carp Road	-Residential (1 Tenant) -Carp Road Collision Appraisal Centre -Carp Automotive Repair Service
2869 Carp Road	-Address Not Listed
2877 Carp Road	-Residential (2 Tenants)
2878 Carp Road	-Address Not Listed
2900 Carp Road	-Address Not Listed
500 Osmond Daley Drive	-Street Not Listed
350 West Lake Circle	-Street Not Listed
370 West Lake Circle	-Street Not Listed

390 West Lake Circle	-Street Not Listed

PROJECT NUMBER: 22041200122	
Site Address:	2885 Carp Road, Carp, ON
Year: 1992	
Site Listing:	-Address Not Listed
Adjacent Properties:	
2825 Carp Road	-Address Not Listed
2848 Carp Road	-Residential (1 Tenant)
2869 Carp Road	-Address Not Listed
2877 Carp Road	-Residential (1 Tenant)
2878 Carp Road	-Address Not Listed
2900 Carp Road	-Address Not Listed
500 Osmond Daley Drive	-Street Not Listed

350 West Lake Circle	-Street Not Listed
370 West Lake Circle	-Street Not Listed
390 West Lake Circle	-Street Not Listed

Carp, Ontario is listed within the city directory archives from 1992-2011.*

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

APPENDIX D

Chain of Title Abstract

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 9 CON 3 HUNTLEY PTS 3 & 4, 5R10814; WEST CARLETON; CITY OF OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 04538-0292

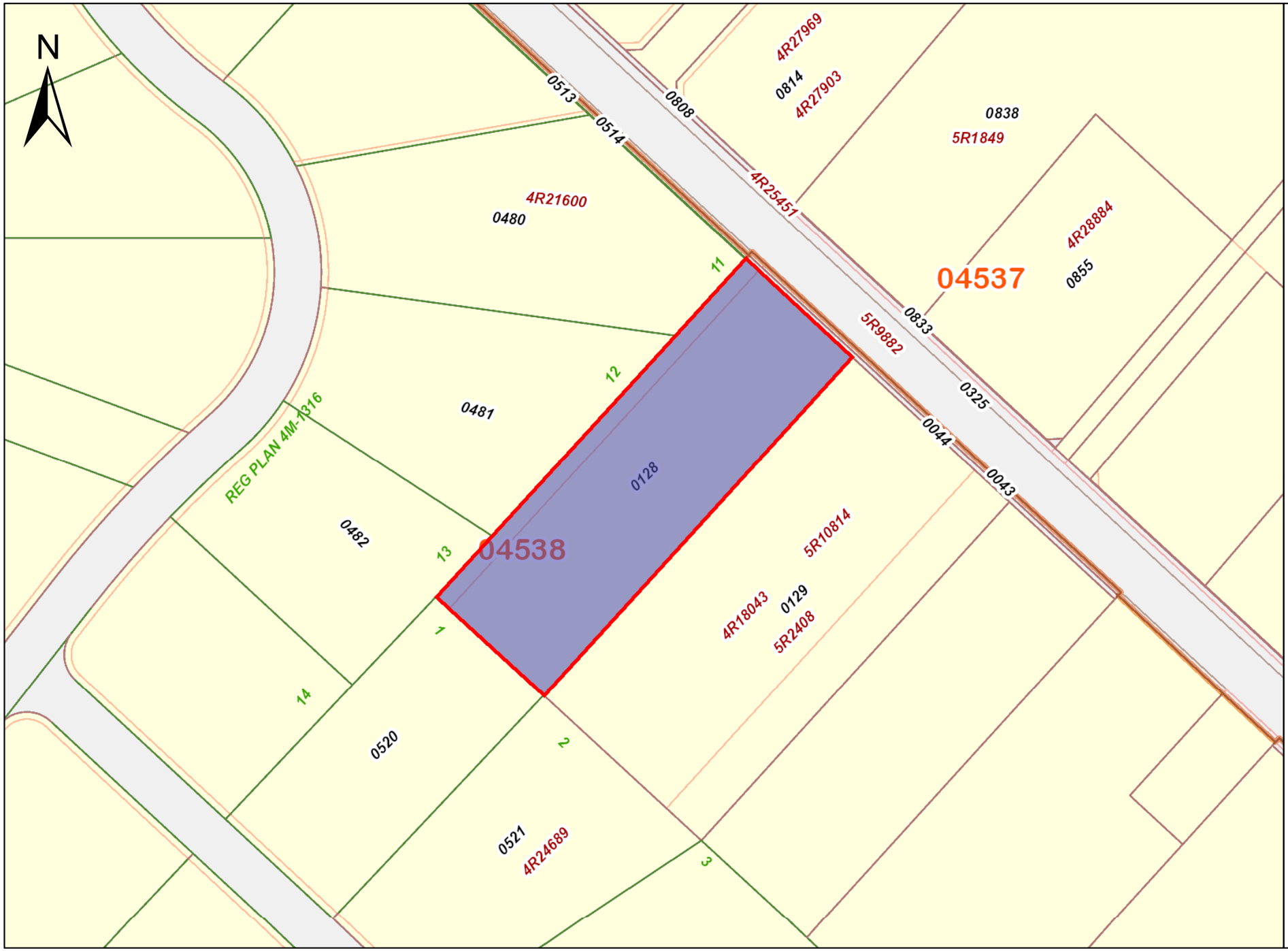
PIN CREATION DATE:
1999/11/19

OWNERS' NAMES
BEKIM HOLDINGS INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/11/19						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1999/11/22 ***						
HU12337	1966/05/04	BYLAW				C
5R2408	1976/02/24	PLAN REFERENCE				C
NS47378Z	1979/03/19	REST COV APL ANNEX *REMARKS: SEE LT458517*				C
5R10814	1987/05/04	PLAN REFERENCE				C
OC2092531	2019/04/17	TRANSFER *REMARKS: PLANNING ACT STATEMENTS.*	$400,000	4206991 CANADA INC.	BEKIM HOLDINGS INC.	C
OC2092532	2019/04/17	CHARGE	$587,100	BEKIM HOLDINGS INC.	WESTBORO MANAGEMENT LTD. WESTBORO MORTGAGE INVESTMENT LP.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



ServiceOntario

PRINTED ON 16 APR, 2022 AT 10:06:59
FOR EEGOOLAB

SCALE

0 30 60 90 meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

APPENDIX E

ERIS Report

DATABASE REPORT

Project Property:	*P101688.002* *2885 Carp Road* *Carp ON K0A 1L0*
Project No:	*P101688.002*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22033100122*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Date Completed:	*April 14, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*P101688.002* *2885 Carp Road Carp ON K0A 1L0*
Project No:	*P101688.002*

Order Information:

Order No:	*22033100122*
Date Requested:	*March 31, 2022*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	26	27
	Total:		9	35	44

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		2885 Carp Road Ottawa ON Carp ON K0A 1L0	W/0.0	0.00	19
2	WWIS		2885 CARP ROAD lot 9 con 3 CARP ON ***Well ID:*** 7364123	W/0.0	0.01	19
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	25
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	26
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	26
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	26
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	26
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
3	EHS		2885 Carp Road Carp ON K0A 1L0	NE/0.0	-0.69	27

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		WEST LAKE ESTATES LOT 13 lot 10 con 3 CARP ON ***Well ID:*** 7156127	W/44.0	0.98	27
5	WWIS		WEST LAKE ESTATES LOT 12 lot 10 con 3 CARP ON ***Well ID:*** 7156126	W/47.4	1.00	32
6	RST	ULTRAMAR	2879 HIGHWAY 44 CARP CARP ON	E/49.3	-1.00	39
6	RST	ULTRAMAR	2879 HIGHWAY 44 CARP OTTAWA ON	E/49.3	-1.00	39
7	WWIS		2900 CARP ROAD lot 10 con 2 CARP ON ***Well ID:*** 7228811	NNE/49.4	-1.00	39
8	WWIS		12 WEST LAKE ESTATES lot 10 con 3 CARP ON ***Well ID:*** 7166860	WNW/66.4	0.99	46
9	WWIS		MCGEE SIDE ROAD lot 10 con 3 CARP ON ***Well ID:*** 7040818	SW/87.6	1.06	47
10	WWIS		500 OSMOND DALEY DR lot 9 con 3 Ottawa ON ***Well ID:*** 7317920	SW/88.1	1.06	52
11	ECA	Argcorp Holdings Inc.	2900 Carp Rd Ottawa ON K0A 1L0	NE/90.7	-1.00	55
12	WWIS		WEST LAKE ESTATES LOT 13 lot 10 con 3 CARP ON ***Well ID:*** 7151491	W/93.3	1.17	55
13	WWIS		LOT 2 OSMOND DAILY DR. CARP ON ***Well ID:*** 7218704	SW/95.0	1.01	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	WWIS		500 OSMOND DALEY DR lot 9 con 3 Ottawa ON ***Well ID:*** 7317919	WSW/97.6	1.12	62
15	WWIS		2878 CARP RD OTTAWA ON ***Well ID:*** 7264607	E/104.5	-1.00	69
16	WWIS		410 WEST LAKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7162186	W/112.4	1.22	76
17	WWIS		lot 10 con 2 ON ***Well ID:*** 1516528	NE/113.2	-1.00	84
18	BORE		ON	N/143.5	0.00	87
19	WWIS		3 WEST LAKE SOUTH CARP ON ***Well ID:*** 7254250	SSW/145.5	0.00	88
20	WWIS		30 WEST LAKE ESTATES CARP ON ***Well ID:*** 7156079	WNW/146.1	1.09	95
21	WWIS		350 WEST LAKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7151411	NW/150.8	1.00	102
22	EHS		2878 Carp Rd Ottawa ON K0A1L0	ENE/151.9	-1.04	108
23	WWIS		lot 9 con 3 ON ***Well ID:*** 1503122	ESE/158.0	-1.00	109
24	WWIS		517 OSMOND DALEY DRIVE LOT 22 lot 9 con 3 CARP ON ***Well ID:*** 7299401	SW/166.0	0.13	111
25	EHS		2900 Carp Rd Ottawa ON K0A1L0	NE/173.6	-0.92	118
26	WWIS		MCGEE SIDE ROAD lot 10 con 3 CARP ON ***Well ID:*** 1536342	WSW/174.4	1.30	118

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
27	WWIS		2914 CARP ROAD lot 10 con 2 OTTAWA ON ***Well ID:*** 7042385	ENE/183.2	-1.00	124
28	WWIS		330 WEST LANKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7181766	NNW/197.9	-0.01	131
29	WWIS		lot 9 con 3 ON ***Well ID:*** 1514027	ESE/203.1	-1.31	137
30	BORE		ON	SSE/210.1	-1.00	141
31	WWIS		LOT 4 WEST LAKE SOUTH CARP ON ***Well ID:*** 7199589	SSW/218.0	-0.02	142
31	WWIS		524 OSMOND DALEY DRIVE LOT 4 CARP ON ***Well ID:*** 7287149	SSW/218.0	-0.02	148
32	WWIS		LOT 29N WEST LAKE ESTATES CARP ON ***Well ID:*** 7171005	WNW/223.0	1.24	150
33	WWIS		2876 CARP RD lot 9 con 2 CARP ON ***Well ID:*** 7244461	ENE/226.7	-1.98	156
34	WWIS		OSMOND DALEY DRIVE LOT 4 CARP ON ***Well ID:*** 7287146	SSW/229.4	-0.02	162
35	PINC		310 West Lake Circle, Ottawa ON	NW/237.2	1.05	170
36	GEN	Import Extra Ltd.	2848 Carp Road Carp ON K0A 1L0	ESE/242.9	-2.00	170

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	143.5	18
	ON	210.1	30

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Feb 28, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Argcorp Holdings Inc.	2900 Carp Rd Ottawa ON K0A 1L0	90.7	11

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 10 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2885 Carp Road Ottawa ON Carp ON K0A 1L0	0.0	1
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2885 Carp Road Carp ON K0A 1L0	0.0	3

Site	Address	Distance (m)	Map Key
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2885 Carp Road Carp ON K0A 1L0	0.0	3
	2878 Carp Rd Ottawa ON K0A1L0	151.9	22
	2900 Carp Rd Ottawa ON K0A1L0	173.6	25

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Import Extra Ltd.	2848 Carp Road Carp ON K0A 1L0	242.9	36

PINC - Pipeline Incidents

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

Site	Address	Distance (m)	Map Key
	310 West Lake Circle, Ottawa ON	237.2	35

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Sep 30, 2021 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ULTRAMAR	2879 HIGHWAY 44 CARP CARP ON	49.3	6
ULTRAMAR	2879 HIGHWAY 44 CARP OTTAWA ON	49.3	6

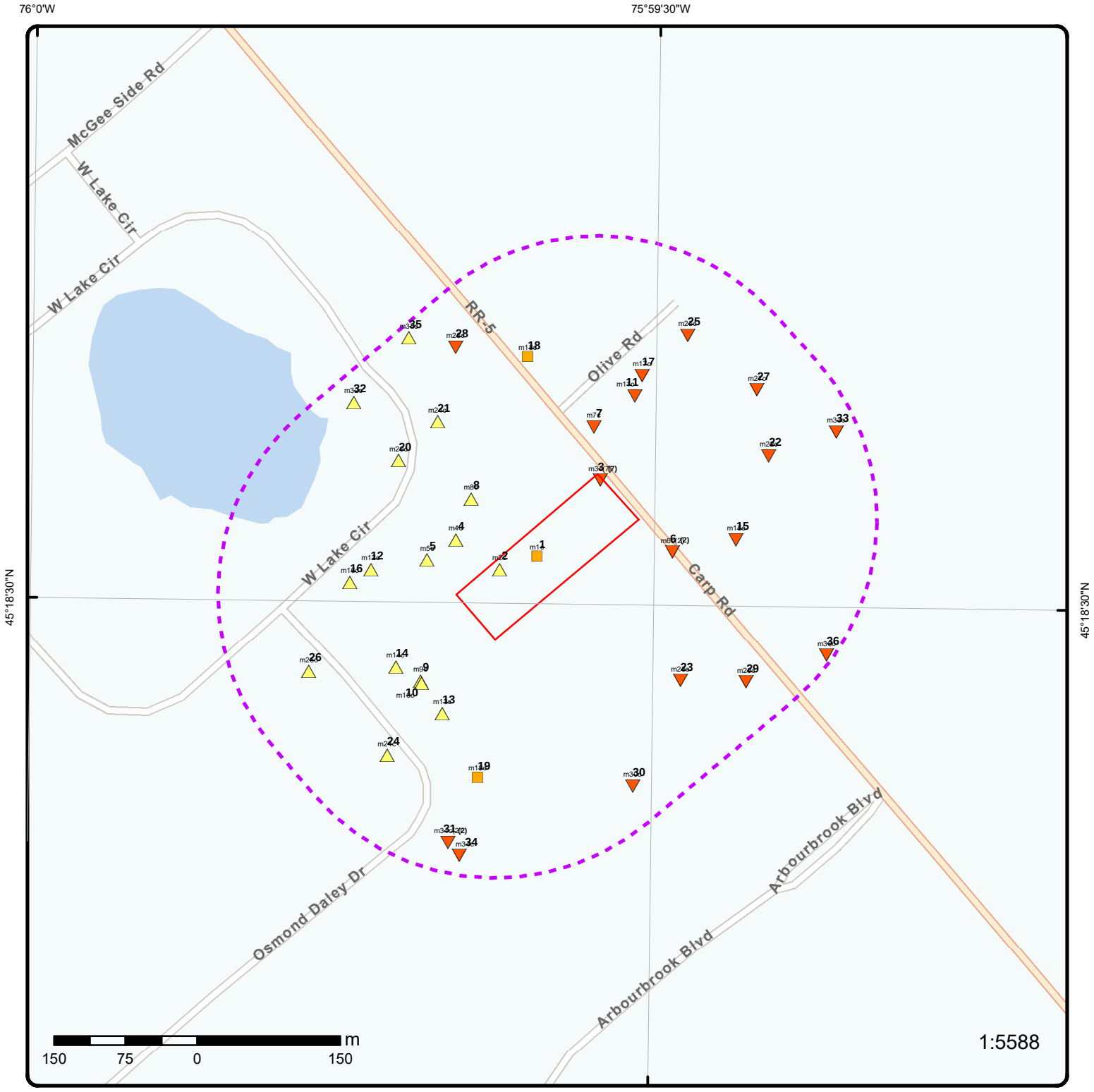
WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 27 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2885 CARP ROAD lot 9 con 3 CARP ON ***Well ID:*** 7364123	0.0	2
	WEST LAKE ESTATES LOT 13 lot 10 con 3 CARP ON ***Well ID:*** 7156127	44.0	4
	WEST LAKE ESTATES LOT 12 lot 10 con 3 CARP ON ***Well ID:*** 7156126	47.4	5
	2900 CARP ROAD lot 10 con 2 CARP ON ***Well ID:*** 7228811	49.4	7
	12 WEST LAKE ESTATES lot 10 con 3 CARP ON ***Well ID:*** 7166860	66.4	8

Site	Address	Distance (m)	Map Key
	MCGEE SIDE ROAD lot 10 con 3 CARP ON ***Well ID:*** 7040818	87.6	9
	500 OSMOND DALEY DR lot 9 con 3 Ottawa ON ***Well ID:*** 7317920	88.1	10
	WEST LAKE ESTATES LOT 13 lot 10 con 3 CARP ON ***Well ID:*** 7151491	93.3	12
	LOT 2 OSMOND DAILY DR. CARP ON ***Well ID:*** 7218704	95.0	13
	500 OSMOND DALEY DR lot 9 con 3 Ottawa ON ***Well ID:*** 7317919	97.6	14
	2878 CARP RD OTTAWA ON ***Well ID:*** 7264607	104.5	15
	410 WEST LAKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7162186	112.4	16
	lot 10 con 2 ON ***Well ID:*** 1516528	113.2	17
	3 WEST LAKE SOUTH CARP ON ***Well ID:*** 7254250	145.5	19
	30 WEST LAKE ESTATES CARP ON ***Well ID:*** 7156079	146.1	20
	350 WEST LAKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7151411	150.8	21
	lot 9 con 3 ON	158.0	23

Site	Address	Distance (m)	Map Key
	Well ID: 1503122		
	517 OSMOND DALEY DRIVE LOT 22 lot 9 con 3 CARP ON ***Well ID:*** 7299401	166.0	24
	MCGEE SIDE ROAD lot 10 con 3 CARP ON ***Well ID:*** 1536342	174.4	26
	2914 CARP ROAD lot 10 con 2 OTTAWA ON ***Well ID:*** 7042385	183.2	27
	330 WEST LANKE CIRCLE lot 10 con 3 CARP ON ***Well ID:*** 7181766	197.9	28
	lot 9 con 3 ON ***Well ID:*** 1514027	203.1	29
	LOT 4 WEST LAKE SOUTH CARP ON ***Well ID:*** 7199589	218.0	31
	524 OSMOND DALEY DRIVE LOT 4 CARP ON ***Well ID:*** 7287149	218.0	31
	LOT 29N WEST LAKE ESTATES CARP ON ***Well ID:*** 7171005	223.0	32
	2876 CARP RD lot 9 con 2 CARP ON ***Well ID:*** 7244461	226.7	33
	OSMOND DALEY DRIVE LOT 4 CARP ON ***Well ID:*** 7287146	229.4	34

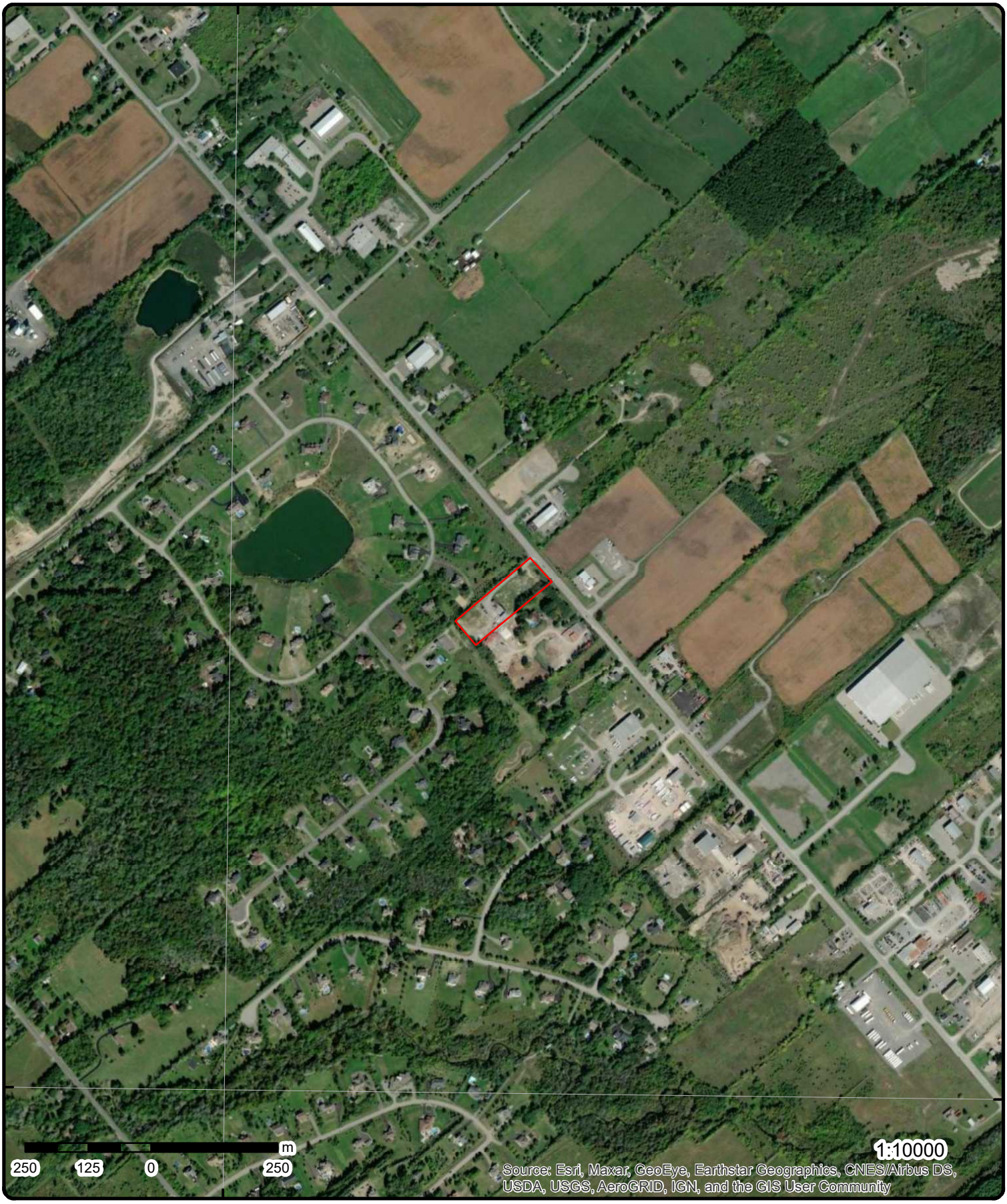


Map: 0.25 Kilometer Radius

Order Number: 22033100122

Address: 2885 Carp Road, Carp, ON

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

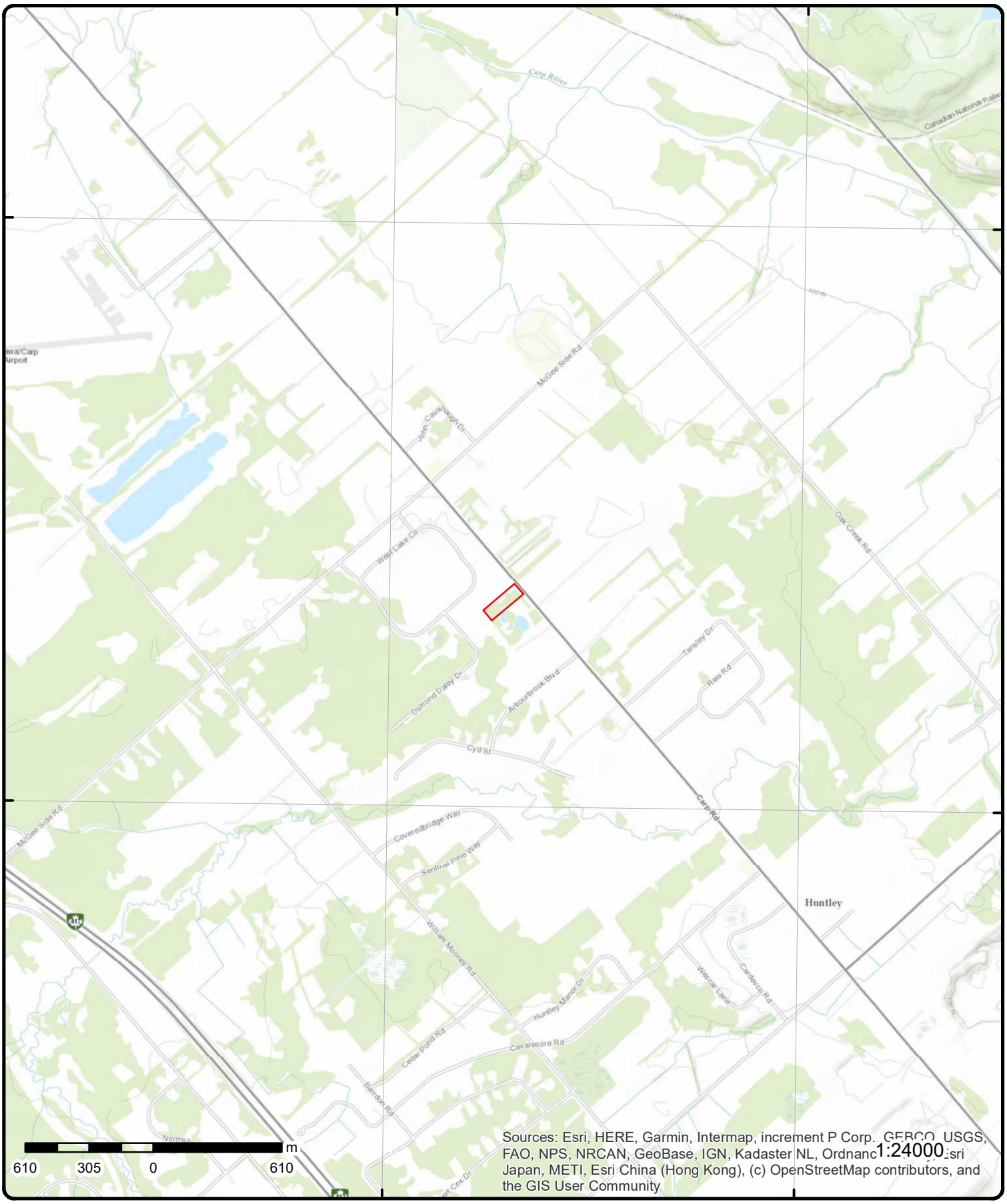


Aerial **Year: 2021**

Order Number: 22033100122

Address: 2885 Carp Road, Carp, ON

Source: ESRI World Imagery



Topographic Map

Address: 2885 Carp Road, ON

Source: ESRI World Topographic Map

Order Number: 22033100122

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/0.0	117.9 / 0.00	2885 Carp Road Ottawa ON Carp ON K0A 1L0	EHS

Order No: 20190301036
Status: C
Report Type: Custom Report
Report Date: 07-MAR-19
Date Received: 01-MAR-19
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: -75.993224
Y: 45.308782

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	W/0.0	117.9 / 0.01	2885 CARP ROAD lot 9 con 3 CARP ON	WWIS

Well ID: 7364123
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z316883
Tag: A295355
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/6/2020
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7681
Form Version: 7
Owner:
Street Name: 2885 CARP ROAD
County: OTTAWA

Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 009
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1008415611
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 25-Jun-2020 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83: 422101.00
North83: 5017719.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1008688161
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	46
Mat2 Desc:	QUARTZ
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17.0
Formation End Depth:	202.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008688160
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008688197
Layer:	2
Plug From:	13.0
Plug To:	0.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008688196
Layer:	1
Plug From:	23.0
Plug To:	13.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008688195
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1008688158
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008688166
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	23.0
Depth To:	202.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1008688165
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	23.0
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008688167
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1008688159
Pump Set At:	180.0
Static Level:	12.666999816894531
Final Level After Pumping:	15.5
Recommended Pump Depth:	100.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID: 1008688186
Test Type: Draw Down
Test Duration: 30
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688190
Test Type: Draw Down
Test Duration: 50
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688192
Test Type: Draw Down
Test Duration: 60
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688177
Test Type: Recovery
Test Duration: 5
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688179
Test Type: Recovery
Test Duration: 10
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688183
Test Type: Recovery
Test Duration: 20
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688169
Test Type: Recovery
Test Duration: 1
Test Level: 13.899999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688173

Test Type: Recovery
Test Duration: 3
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688191
Test Type: Recovery
Test Duration: 50
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688193
Test Type: Recovery
Test Duration: 60
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688172
Test Type: Draw Down
Test Duration: 3
Test Level: 15.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688181
Test Type: Recovery
Test Duration: 15
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688182
Test Type: Draw Down
Test Duration: 20
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688188
Test Type: Draw Down
Test Duration: 40
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688189
Test Type: Recovery
Test Duration: 40
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688168
Test Type: Draw Down
Test Duration: 1
Test Level: 15.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688170
Test Type: Draw Down
Test Duration: 2
Test Level: 15.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688174
Test Type: Draw Down
Test Duration: 4
Test Level: 15.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688175
Test Type: Recovery
Test Duration: 4
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688178
Test Type: Draw Down
Test Duration: 10
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688184
Test Type: Draw Down
Test Duration: 25
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688185
Test Type: Recovery
Test Duration: 25
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688171
Test Type: Recovery
Test Duration: 2
Test Level: 12.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688176
Test Type: Draw Down
Test Duration: 5
Test Level: 15.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688180
Test Type: Draw Down
Test Duration: 15
Test Level: 15.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008688187
Test Type: Recovery
Test Duration: 30
Test Level: 12.800000190734863
Test Level UOM: ft

Water Details

Water ID: 1008688164
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 177.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008688162
Diameter: 9.75
Depth From: 0.0
Depth To: 23.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1008688163
Diameter: 6.0
Depth From: 23.0
Depth To: 202.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

3	*1 of 7*	*NE/0.0*	*117.2 / -0.69*	***2885 Carp Road Carp ON K0A 1L0***	***EHS***

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

Order No:	20200107041			**Nearest Intersection:**	
Status:	C			**Municipality:**	
Report Type:	Standard Report			**Client Prov/State:**	ON
Report Date:	10-JAN-20			**Search Radius (km):**	.25
Date Received:	07-JAN-20			**X:**	-75.992395
Previous Site Name:				**Y:**	45.3095058
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	2 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041			**Nearest Intersection:**	
Status:	C			**Municipality:**	
Report Type:	Standard Report			**Client Prov/State:**	ON
Report Date:	10-JAN-20			**Search Radius (km):**	.25
Date Received:	07-JAN-20			**X:**	-75.992395
Previous Site Name:				**Y:**	45.3095058
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	3 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041			**Nearest Intersection:**	
Status:	C			**Municipality:**	
Report Type:	Standard Report			**Client Prov/State:**	ON
Report Date:	10-JAN-20			**Search Radius (km):**	.25
Date Received:	07-JAN-20			**X:**	-75.992395
Previous Site Name:				**Y:**	45.3095058
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	4 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041			**Nearest Intersection:**	
Status:	C			**Municipality:**	
Report Type:	Standard Report			**Client Prov/State:**	ON
Report Date:	10-JAN-20			**Search Radius (km):**	.25
Date Received:	07-JAN-20			**X:**	-75.992395
Previous Site Name:				**Y:**	45.3095058
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	5 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041			**Nearest Intersection:**	
Status:	C			**Municipality:**	
Report Type:	Standard Report			**Client Prov/State:**	ON
Report Date:	10-JAN-20			**Search Radius (km):**	.25
Date Received:	07-JAN-20			**X:**	-75.992395
Previous Site Name:				**Y:**	45.3095058
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	6 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-JAN-20	**Search Radius (km):**	.25
Date Received:	07-JAN-20	**X:**	-75.992395
Previous Site Name:		**Y:**	45.3095058
Lot/Building Size:			
Additional Info Ordered:	City Directory; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	7 of 7	NE/0.0	117.2 / -0.69	2885 Carp Road Carp ON K0A 1L0	EHS

Order No:	20200107041	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-JAN-20	**Search Radius (km):**	.25
Date Received:	07-JAN-20	**X:**	-75.992395
Previous Site Name:		**Y:**	45.3095058
Lot/Building Size:			
Additional Info Ordered:	City Directory; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	W/44.0	118.9 / 0.98	WEST LAKE ESTATES LOT 13 lot 10 con 3 CARP ON	WWIS

Well ID:	7156127	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	12/9/2010
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z115624	**Owner:**	
Tag:	A102392	**Street Name:**	WEST LAKE ESTATES LOT 13
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156127.pdf

Additional Detail(s) (Map)

Well Completed Date:	2010/09/29
Year Completed:	2010
Depth (m):	74.67
Latitude:	45.3089266300038
Longitude:	-75.9943158876976
Path:	715\7156127.pdf

Bore Hole Information

Bore Hole ID:	1003434950	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	422055.00
Code OB Desc:		***North83:***	5017750.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	29-Sep-2010 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003733401
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	10.050000190734863
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003733402
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.050000190734863
Formation End Depth:	74.66999816894531
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003733429
Layer:	1
Plug From:	13.100000381469727
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well

Use

Method Construction ID:	1003733427
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1003733399
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003733406
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.44999998807907104
Depth To:	13.100000381469727
Casing Diameter:	15.859999656677246
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003733407
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003733400
Pump Set At:	
Static Level:	5.019999980926514
Final Level After Pumping:	9.119999885559082
Recommended Pump Depth:	30.469999313354492
Pumping Rate:	40.95000076293945
Flowing Rate:	
Recommended Pump Rate:	40.95000076293945
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1003733409
Test Type:	Recovery
Test Duration:	1

Test Level: 7.070000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733419
Test Type: Draw Down
Test Duration: 15
Test Level: 9.0600004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733422
Test Type: Draw Down
Test Duration: 30
Test Level: 9.15999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733410
Test Type: Recovery
Test Duration: 2
Test Level: 6.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733411
Test Type: Draw Down
Test Duration: 3
Test Level: 7.440000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733418
Test Type: Recovery
Test Duration: 10
Test Level: 5.019999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733421
Test Type: Draw Down
Test Duration: 25
Test Level: 9.130000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733414
Test Type: Recovery
Test Duration: 4
Test Level: 5.599999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733415
Test Type: Draw Down
Test Duration: 5
Test Level: 8.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733424
Test Type: Draw Down
Test Duration: 50
Test Level: 9.130000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733425
Test Type: Draw Down
Test Duration: 60
Test Level: 9.119999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733413
Test Type: Draw Down
Test Duration: 4
Test Level: 7.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733420
Test Type: Draw Down
Test Duration: 20
Test Level: 9.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733408
Test Type: Draw Down
Test Duration: 1
Test Level: 6.21999979019165
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733412
Test Type: Recovery
Test Duration: 3
Test Level: 5.940000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733416
Test Type: Recovery

Test Duration: 5
Test Level: 5.050000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733417
Test Type: Draw Down
Test Duration: 10
Test Level: 8.729999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733423
Test Type: Draw Down
Test Duration: 40
Test Level: 9.130000114440918
Test Level UOM: m

Water Details

Water ID: 1003733405
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 72.2300033569336
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003733403
Diameter: 15.859999656677246
Depth From: 0.0
Depth To: 13.100000381469727
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003733404
Diameter: 15.229999542236328
Depth From: 13.100000381469727
Depth To: 74.66999816894531
Hole Depth UOM: m
Hole Diameter UOM: cm

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5 | ***1 of 1*** | ***W/47.4*** | ***118.9 / 1.00*** | ***WEST LAKE ESTATES LOT 12 lot 10 con 3 CARP ON*** | ***WWIS***

Well ID: 7156126
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z115622
Tag: A102341
Construction Method:
Elevation (m):

Data Entry Status:
Data Src:
Date Received: 12/9/2010
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: WEST LAKE ESTATES LOT 12
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156126.pdf

Additional Detail(s) (Map)

Well Completed Date:	2010/09/23
Year Completed:	2010
Depth (m):	67.96
Latitude:	45.3087342962884
Longitude:	-75.9946952227198
Path:	715\7156126.pdf

Bore Hole Information

Bore Hole ID:	1003434948	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422025.00
Code OB Desc:		**North83:**	5017729.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	23-Sep-2010 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003733339
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.489999771118164
Formation End Depth:	67.95999908447266
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003733336
Layer:	1
Color:	6

General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	02
Mat2 Desc:	TOPSOIL
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	3.6500000953674316
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003733337
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	3.6500000953674316
Formation End Depth:	8.220000267028809
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003733338
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	8.220000267028809
Formation End Depth:	12.489999771118164
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003733370
Layer:	1
Plug From:	15.539999961853027
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003733368
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1003733334
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003733345
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.44999998807907104
Depth To:	15.539999961853027
Casing Diameter:	15.859999656677246
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003733346
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003733335
Pump Set At:	30.469999313354492
Static Level:	5.420000076293945
Final Level After Pumping:	5.699999809265137
Recommended Pump Depth:	22.850000381469727
Pumping Rate:	45.5
Flowing Rate:	
Recommended Pump Rate:	45.5
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	2
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1003733348
Test Type:	Recovery
Test Duration:	1
Test Level:	5.449999809265137
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003733365
Test Type:	Draw Down

Test Duration: 50
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733366
Test Type: Draw Down
Test Duration: 60
Test Level: 5.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733354
Test Type: Recovery
Test Duration: 4
Test Level: 5.429999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733359
Test Type: Draw Down
Test Duration: 15
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733352
Test Type: Recovery
Test Duration: 3
Test Level: 5.440000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733364
Test Type: Draw Down
Test Duration: 40
Test Level: 5.71999979019165
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733357
Test Type: Draw Down
Test Duration: 10
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733349
Test Type: Draw Down
Test Duration: 2
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733351
Test Type: Draw Down
Test Duration: 3
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733363
Test Type: Draw Down
Test Duration: 30
Test Level: 5.710000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733347
Test Type: Draw Down
Test Duration: 1
Test Level: 5.679999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733360
Test Type: Recovery
Test Duration: 15
Test Level: 5.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733362
Test Type: Draw Down
Test Duration: 25
Test Level: 5.710000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733350
Test Type: Recovery
Test Duration: 2
Test Level: 5.440000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733356
Test Type: Recovery
Test Duration: 5
Test Level: 5.429999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733358

Test Type: Recovery
Test Duration: 10
Test Level: 5.429999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733361
Test Type: Draw Down
Test Duration: 20
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733353
Test Type: Draw Down
Test Duration: 4
Test Level: 5.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003733355
Test Type: Draw Down
Test Duration: 5
Test Level: 5.690000057220459
Test Level UOM: m

Water Details

Water ID: 1003733344
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 66.73999786376953
Water Found Depth UOM: m

Water Details

Water ID: 1003733343
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 20.110000610351562
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003733342
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003733340
Diameter: 15.859999656677246

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

Depth From: 0.0
Depth To: 15.539999961853027
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003733341
Diameter: 15.229999542236328
Depth From: 15.539999961853027
Depth To: 67.95999908447266
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 2	E/49.3	116.9 / -1.00	ULTRAMAR 2879 HIGHWAY 44 CARP CARP ON	RST

Headcode: 00924800
Headcode Desc: FUEL OIL
Phone: 6138393200
List Name:
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 2	E/49.3	116.9 / -1.00	ULTRAMAR 2879 HIGHWAY 44 CARP OTTAWA ON	RST

Headcode: 00924800
Headcode Desc: FUEL OIL
Phone: 6137275200
List Name:
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	NNE/49.4	116.9 / -1.00	2900 CARP ROAD lot 10 con 2 CARP ON	WWIS

Well ID: 7228811
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z190180
Tag: A142292
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/3/2014
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4875
Form Version: 7
Owner:
Street Name: 2900 CARP ROAD
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 010
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/722\7228811.pdf

Additional Detail(s) (Map)

Well Completed Date:	2014/07/16
Year Completed:	2014
Depth (m):	58
Latitude:	45.3100047268003
Longitude:	-75.9924849907262
Path:	722\7228811.pdf

Bore Hole Information

Bore Hole ID:	1005148527	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	422200.00
Code OB Desc:		***North83:***	5017868.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	16-Jul-2014 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005377576
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.5199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005377577
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5199999809265137
Formation End Depth:	58.0
Formation End Depth UOM:	m

Annular Space/Abandonment

Sealing Record

Plug ID:	1005377611
Layer:	1
Plug From:	0.0
Plug To:	9.149999618530273
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005377610
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005377574
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005377581
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.6399999856948853
Depth To:	9.149999618530273
Casing Diameter:	15.880000114440918
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005377582
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005377575
Pump Set At:	30.5
Static Level:	3.490000009536743
Final Level After Pumping:	13.079999923706055
Recommended Pump Depth:	42.70000076293945
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	32.0
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0

Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1005377584
Test Type: Recovery
Test Duration: 1
Test Level: 12.210000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377595
Test Type: Draw Down
Test Duration: 15
Test Level: 9.210000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377600
Test Type: Recovery
Test Duration: 25
Test Level: 4.059999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377603
Test Type: Draw Down
Test Duration: 40
Test Level: 12.229999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377585
Test Type: Draw Down
Test Duration: 2
Test Level: 4.949999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377597
Test Type: Draw Down
Test Duration: 20
Test Level: 10.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377604
Test Type: Recovery
Test Duration: 40
Test Level: 3.7799999713897705
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377606
Test Type: Recovery
Test Duration: 50
Test Level: 3.7300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377588
Test Type: Recovery
Test Duration: 3
Test Level: 10.630000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377594
Test Type: Recovery
Test Duration: 10
Test Level: 6.940000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377601
Test Type: Draw Down
Test Duration: 30
Test Level: 11.350000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377605
Test Type: Draw Down
Test Duration: 50
Test Level: 12.6899995803833
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377592
Test Type: Recovery
Test Duration: 5
Test Level: 9.34000015258789
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377583
Test Type: Draw Down
Test Duration: 1
Test Level: 4.519999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377587

Test Type: Draw Down
Test Duration: 3
Test Level: 5.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377590
Test Type: Recovery
Test Duration: 4
Test Level: 9.930000305175781
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377598
Test Type: Recovery
Test Duration: 20
Test Level: 4.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377599
Test Type: Draw Down
Test Duration: 25
Test Level: 10.789999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377607
Test Type: Draw Down
Test Duration: 60
Test Level: 13.079999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377608
Test Type: Recovery
Test Duration: 60
Test Level: 3.6700000762939453
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377586
Test Type: Recovery
Test Duration: 2
Test Level: 11.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005377593
Test Type: Draw Down
Test Duration: 10
Test Level: 8.020000457763672
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1005377596
Test Type:	Recovery
Test Duration:	15
Test Level:	5.400000095367432
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005377602
Test Type:	Recovery
Test Duration:	30
Test Level:	3.880000114440918
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005377591
Test Type:	Draw Down
Test Duration:	5
Test Level:	6.400000095367432
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005377589
Test Type:	Draw Down
Test Duration:	4
Test Level:	5.949999809265137
Test Level UOM:	m

Water Details

Water ID:	1005377580
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	54.29999923706055
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005377578
Diameter:	24.700000762939453
Depth From:	0.0
Depth To:	9.149999618530273
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1005377579
Diameter:	15.239999771118164
Depth From:	9.149999618530273
Depth To:	58.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	WNW/66.4	118.9 / 0.99	12 WEST LAKE ESTATES lot 10 con 3 CARP ON	WWIS

Well ID:	7166860	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/5/2011
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z115668	**Owner:**	
Tag:		**Street Name:**	12 WEST LAKE ESTATES
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7166860.pdf

Additional Detail(s) (Map)

Well Completed Date:	2010/11/22
Year Completed:	2010
Depth (m):	
Latitude:	45.3093154100397
Longitude:	-75.9941185781285
Path:	716\7166860.pdf

Bore Hole Information

Bore Hole ID:	1003546713	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422071.00
Code OB Desc:		**North83:**	5017793.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	22-Nov-2010 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003903939
Layer:	1
Plug From:	37.47999954223633
Plug To:	0.0
Plug Depth UOM:	m

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

Method of Construction & Well Use

Method Construction ID:	1003903938
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003903932
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003903936
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003903937
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1003903935
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003903934
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

9	***1 of 1***	***SW/87.6***	***118.9 / 1.06***	***MCGEE SIDE ROAD lot 10 con 3 CARP ON***	***WWIS***

Well ID:	7040818	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	2/12/2007
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	3
Audit No:	Z55593	**Owner:**	
Tag:	A043542	**Street Name:**	MCGEE SIDE ROAD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7040818.pdf

Additional Detail(s) (Map)

Well Completed Date:	2006/12/11
Year Completed:	2006
Depth (m):	24.38
Latitude:	45.3075905084204
Longitude:	-75.9947645102925
Path:	704\7040818.pdf

Bore Hole Information

Bore Hole ID:	11763375	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422018.00
Code OB Desc:		**North83:**	5017602.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	11-Dec-2006 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933091880
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 15.850000381469727
Formation End Depth: 24.3799991607666
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933091879
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.850000381469727
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933314017
Layer: 1
Plug From: 18.59000015258789
Plug To: 15.539999961853027
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933314018
Layer: 2
Plug From: 15.539999961853027
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 967040818
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11771065
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930895896
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0

Depth To: 19.200000762939453
Casing Diameter: 15.880000114440918
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 930895897
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 18.59000015258789
Depth To: 24.3799991607666
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11777348
Pump Set At: 15.239999771118164
Static Level: 4.559999942779541
Final Level After Pumping: 4.670000076293945
Recommended Pump Depth: 15.239999771118164
Pumping Rate: 91.0
Flowing Rate:
Recommended Pump Rate: 91.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11817396
Test Type: Draw Down
Test Duration: 1
Test Level: 4.570000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817407
Test Type: Draw Down
Test Duration: 40
Test Level: 4.670000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817399
Test Type: Draw Down
Test Duration: 3
Test Level: 4.590000152587891
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817406
Test Type: Draw Down
Test Duration: 30
Test Level: 4.670000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817398
Test Type: Draw Down
Test Duration: 2
Test Level: 4.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817401
Test Type: Draw Down
Test Duration: 5
Test Level: 4.610000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817404
Test Type: Draw Down
Test Duration: 20
Test Level: 4.659999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817405
Test Type: Draw Down
Test Duration: 25
Test Level: 4.659999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817403
Test Type: Draw Down
Test Duration: 15
Test Level: 4.650000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817400
Test Type: Draw Down
Test Duration: 4
Test Level: 4.599999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817402
Test Type: Draw Down
Test Duration: 10

Test Level: 4.630000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817409
Test Type: Draw Down
Test Duration: 60
Test Level: 4.670000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817397
Test Type: Recovery
Test Duration: 1
Test Level: 4.559999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11817408
Test Type: Draw Down
Test Duration: 50
Test Level: 4.670000076293945
Test Level UOM: m

Water Details

Water ID: 934084111
Layer: 2
Kind Code:
Kind:
Water Found Depth: 22.25
Water Found Depth UOM: m

Water Details

Water ID: 934084110
Layer: 1
Kind Code:
Kind:
Water Found Depth: 20.1200008392334
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11849428
Diameter: 15.069999694824219
Depth From: 0.0
Depth To: 24.3799991607666
Hole Depth UOM: m
Hole Diameter UOM: cm

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10 | **1 of 1** | **SW/88.1** | **118.9 / 1.06** | **500 OSMOND DALEY DR lot 9 con 3 Ottawa ON** | **WWIS**

Well ID: 7317920
Construction Date:
Primary Water Use: Not Used
Data Entry Status:
Data Src:
Date Received: 8/27/2018

Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Test Hole	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	4879
Casing Material:		**Form Version:**	7
Audit No:	Z292742	**Owner:**	
Tag:		**Street Name:**	500 OSMOND DALEY DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	009
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7317920.pdf

Additional Detail(s) (Map)

Well Completed Date:	2018/07/07
Year Completed:	2018
Depth (m):	
Latitude:	45.3075726193512
Longitude:	-75.9947514410202
Path:	731\7317920.pdf

Bore Hole Information

Bore Hole ID:	1007278771	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422019.00
Code OB Desc:		**North83:**	5017600.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07-Jul-2018 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007456135
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007456143
Layer:	2
Plug From:	21.0
Plug To:	74.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007456142
Layer:	1
Plug From:	11.0
Plug To:	21.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007456141
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DRILLED

Pipe Information

Pipe ID:	1007456134
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007456138
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	11.0
Depth To:	65.0
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007456139
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

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

Water ID: 1007456137
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007456136
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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11 | **1 of 1** | **NE/90.7** | **116.9 / -1.00** | **Argcorp Holdings Inc.**
2900 Carp Rd
Ottawa ON K0A 1L0 | **ECA**

Approval No: 6525-AUUUKS
Approval Date: 2018-01-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Argcorp Holdings Inc.
Address: 2900 Carp Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7968-APDJK9-14.pdf
PDF Site Location:

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

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12 | **1 of 1** | **W/93.3** | **119.0 / 1.17** | **WEST LAKE ESTATES LOT 13 lot 10 con 3**
CARP ON | **WWIS**

Well ID: 7151491
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z115575
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/17/2010
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 1558
Form Version: 7
Owner:
Street Name: WEST LAKE ESTATES LOT 13
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 010
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7151491.pdf

Additional Detail(s) (Map)

Well Completed Date:	2010/07/19
Year Completed:	2010
Depth (m):	
Latitude:	45.3086377387941
Longitude:	-75.9954461720321
Path:	715\7151491.pdf

Bore Hole Information

Bore Hole ID:	1003337441	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	421966.00
Code OB Desc:		***North83:***	5017719.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	19-Jul-2010 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003447650
Layer:	1
Plug From:	18.59000015258789
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003447654
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003447647
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003447652
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003447653
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1003447651
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003447649
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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13 ***1 of 1*** ***SW/95.0*** ***118.9 / 1.01*** ***LOT 2 OSMOND DAILY DR. CARP ON*** ***WWIS***

Well ID:	7218704	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	3/31/2014
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	7
Audit No:	Z172495	***Owner:***	
Tag:	A123465	***Street Name:***	LOT 2 OSMOND DAILY DR.
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2013/09/19
Year Completed:	2013
Depth (m):	21.94
Latitude:	45.3072870604126

Longitude: -75.9944658077727
Path:

Bore Hole Information

Bore Hole ID:	1004728074	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422041.00
Code OB Desc:		**North83:**	5017568.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	19-Sep-2013 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005112122
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	5.480000019073486
Formation End Depth:	11.579999923706055
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005112121
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.480000019073486
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005112123
Layer:	3
Color:	2
General Color:	GREY

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11.579999923706055
Formation End Depth: 21.940000534057617
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005112146
Layer: 1
Plug From: 14.619999885559082
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005112145
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction: AIR PERCUSSION

Pipe Information

Pipe ID: 1005112119
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005112127
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.7599999904632568
Depth To: 14.619999885559082
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005112128
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1005112120

Pump Set At: 15.229999542236328
Static Level: 4.800000190734863
Final Level After Pumping: 5.0
Recommended Pump Depth: 15.229999542236328
Pumping Rate: 54.599998474121094
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1005112134
Test Type: Draw Down
Test Duration: 4
Test Level: 4.840000152587891
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112135
Test Type: Draw Down
Test Duration: 5
Test Level: 4.849999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112129
Test Type: Draw Down
Test Duration: 1
Test Level: 4.809999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112132
Test Type: Recovery
Test Duration: 2
Test Level: 4.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112139
Test Type: Draw Down
Test Duration: 25
Test Level: 4.909999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112140
Test Type: Draw Down
Test Duration: 30

Test Level: 4.920000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112141
Test Type: Draw Down
Test Duration: 40
Test Level: 4.940000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112142
Test Type: Draw Down
Test Duration: 50
Test Level: 4.96999979019165
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112136
Test Type: Draw Down
Test Duration: 10
Test Level: 4.869999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112137
Test Type: Draw Down
Test Duration: 15
Test Level: 4.889999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112130
Test Type: Recovery
Test Duration: 1
Test Level: 4.829999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112143
Test Type: Draw Down
Test Duration: 60
Test Level: 5.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005112131
Test Type: Draw Down
Test Duration: 2
Test Level: 4.820000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1005112133
Test Type:	Draw Down
Test Duration:	3
Test Level:	4.829999923706055
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005112138
Test Type:	Draw Down
Test Duration:	20
Test Level:	4.900000095367432
Test Level UOM:	m

Water Details

Water ID:	1005112126
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	20.719999313354492
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005112125
Diameter:	15.229999542236328
Depth From:	14.619999885559082
Depth To:	21.940000534057617
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1005112124
Diameter:	15.859999656677246
Depth From:	0.0
Depth To:	14.619999885559082
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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14 ***1 of 1*** ***WSW/97.6*** ***119.0 / 1.12*** ***500 OSMOND DALEY DR lot 9 con 3 Ottawa ON*** ***WWIS***

Well ID:	7317919	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	8/27/2018
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4879
Casing Material:		***Form Version:***	7
Audit No:	Z292740	***Owner:***	
Tag:	A228029	***Street Name:***	500 OSMOND DALEY DR
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	HUNTLEY TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7317919.pdf

Additional Detail(s) (Map)

Well Completed Date:	2018/07/07
Year Completed:	2018
Depth (m):	57.912
Latitude:	45.3077226206909
Longitude:	-75.9950984870985
Path:	731\7317919.pdf

Bore Hole Information

Bore Hole ID:	1007278768	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	421992.00
Code OB Desc:		***North83:***	5017617.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	07-Jul-2018 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007949737
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	09
Mat3 Desc:	MEDIUM SAND
Formation Top Depth:	6.0
Formation End Depth:	14.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007949738
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	29
Mat2 Desc:	FINE GRAVEL

Mat3:
Mat3 Desc:
Formation Top Depth: 14.5
Formation End Depth: 27.5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007949736
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 08
Mat3 Desc: FINE SAND
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007949740
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 59.5
Formation End Depth: 190.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007949739
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 27.5
Formation End Depth: 59.5
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007950897
Layer: 1

Plug From:	0.0
Plug To:	69.5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007952050
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Method of Construction & Well Use

Method Construction ID:	1007952051
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1007948613
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007952475
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-5.0
Depth To:	69.5
Casing Diameter:	6.25
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	1007953517
Pump Set At:	180.0
Static Level:	12.199999809265137
Final Level After Pumping:	32.75
Recommended Pump Depth:	180.0
Pumping Rate:	13.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	3
Water State After Test:	OTHER
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1007956295

Test Type: Draw Down
Test Duration: 15
Test Level: 31.700000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956297
Test Type: Draw Down
Test Duration: 25
Test Level: 32.29999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956300
Test Type: Draw Down
Test Duration: 50
Test Level: 32.68000030517578
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956309
Test Type: Recovery
Test Duration: 20
Test Level: 12.350000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956291
Test Type: Draw Down
Test Duration: 3
Test Level: 24.200000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956292
Test Type: Draw Down
Test Duration: 4
Test Level: 26.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956293
Test Type: Draw Down
Test Duration: 5
Test Level: 27.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956302
Test Type: Recovery
Test Duration: 1
Test Level: 23.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956313
Test Type: Recovery
Test Duration: 50
Test Level: 12.210000038146973
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956314
Test Type: Recovery
Test Duration: 60
Test Level: 12.199999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956303
Test Type: Recovery
Test Duration: 2
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956310
Test Type: Recovery
Test Duration: 25
Test Level: 12.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956294
Test Type: Draw Down
Test Duration: 10
Test Level: 30.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956299
Test Type: Draw Down
Test Duration: 40
Test Level: 32.599998474121094
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956301
Test Type: Draw Down
Test Duration: 60
Test Level: 32.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956307
Test Type: Recovery
Test Duration: 10
Test Level: 12.649999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956311
Test Type: Recovery
Test Duration: 30
Test Level: 12.279999732971191
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956308
Test Type: Recovery
Test Duration: 15
Test Level: 12.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956289
Test Type: Draw Down
Test Duration: 1
Test Level: 18.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956290
Test Type: Draw Down
Test Duration: 2
Test Level: 21.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956298
Test Type: Draw Down
Test Duration: 30
Test Level: 32.400001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956304
Test Type: Recovery
Test Duration: 3
Test Level: 16.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956312
Test Type: Recovery
Test Duration: 40
Test Level: 12.25

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956296
Test Type: Draw Down
Test Duration: 20
Test Level: 32.099998474121094
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956305
Test Type: Recovery
Test Duration: 4
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1007956306
Test Type: Recovery
Test Duration: 5
Test Level: 13.850000381469727
Test Level UOM: ft

Water Details

Water ID: 1007953127
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 178.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007951511
Diameter: 6.0
Depth From: 69.5
Depth To: 190.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

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15 | **1 of 1** | **E/104.5** | **116.9 / -1.00** | **2878 CARP RD OTTAWA ON** | **WWIS**

Well ID: 7264607
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z223087
Tag: A195947
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src:
Date Received: 6/13/2016
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4879
Form Version: 7
Owner:
Street Name: 2878 CARP RD
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot:
Concession:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7264607.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/05/12
Year Completed: 2016
Depth (m): 54.2544
Latitude: 45.308959216212
Longitude: -75.990566001301
Path: 726\7264607.pdf

Bore Hole Information

Bore Hole ID: 1006043318 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 422349.00
Code OB Desc: ***North83:*** 5017750.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 12-May-2016 00:00:00 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1006099592
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006099595
Layer: 4
Color:
General Color:
Mat1:
Most Common Material:

Mat2: 18
Mat2 Desc: SANDSTONE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth:
Formation End Depth: 178.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006099594
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth:
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006099593
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 31
Mat3 Desc: COARSE GRAVEL
Formation Top Depth: 8.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006099629
Layer: 1
Plug From: 0.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006099628
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1006099590

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006099600
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 30.0
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006099601
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1006099591
Pump Set At: 175.0
Static Level: 5.570000171661377
Final Level After Pumping: 41.5
Recommended Pump Depth: 150.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 8
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1006099604
Test Type: Draw Down
Test Duration: 2
Test Level: 13.770000457763672
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099609
Test Type: Recovery
Test Duration: 4
Test Level: 28.93000030517578
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099624
Test Type: Draw Down
Test Duration: 50
Test Level: 25.290000915527344
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099603
Test Type: Recovery
Test Duration: 1
Test Level: 36.7400016784668
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099608
Test Type: Draw Down
Test Duration: 4
Test Level: 15.680000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099616
Test Type: Draw Down
Test Duration: 20
Test Level: 22.170000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099620
Test Type: Draw Down
Test Duration: 30
Test Level: 23.780000686645508
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099625
Test Type: Recovery
Test Duration: 50
Test Level: 7.769999980926514
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099612
Test Type: Draw Down
Test Duration: 10
Test Level: 19.350000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099617
Test Type: Recovery
Test Duration: 20
Test Level: 9.770000457763672
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099615
Test Type: Recovery
Test Duration: 15
Test Level: 12.529999732971191
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099621
Test Type: Recovery
Test Duration: 30
Test Level: 8.329999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099622
Test Type: Draw Down
Test Duration: 40
Test Level: 24.6299991607666
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099626
Test Type: Draw Down
Test Duration: 60
Test Level: 25.290000915527344
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099610
Test Type: Draw Down
Test Duration: 5
Test Level: 16.530000686645508
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099611
Test Type: Recovery
Test Duration: 5
Test Level: 26.899999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099623
Test Type: Recovery
Test Duration: 40
Test Level: 7.96999979019165

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099602
Test Type: Draw Down
Test Duration: 1
Test Level: 12.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099606
Test Type: Draw Down
Test Duration: 3
Test Level: 14.960000038146973
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099607
Test Type: Recovery
Test Duration: 3
Test Level: 31.690000534057617
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099613
Test Type: Recovery
Test Duration: 10
Test Level: 18.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099614
Test Type: Draw Down
Test Duration: 15
Test Level: 21.030000686645508
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099618
Test Type: Draw Down
Test Duration: 25
Test Level: 23.09000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099619
Test Type: Recovery
Test Duration: 25
Test Level: 8.59000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1006099605
Test Type: Recovery
Test Duration: 2
Test Level: 34.08000183105469
Test Level UOM: ft

Water Details

Water ID: 1006099598
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 116.0
Water Found Depth UOM: ft

Water Details

Water ID: 1006099599
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth: 172.0
Water Found Depth UOM: ft

Water Details

Water ID: 1006099597
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 78.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006099596
Diameter: 6.0
Depth From: 30.0
Depth To: 178.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

16 | ***1 of 1*** | ***W/112.4*** | ***119.1 / 1.22*** | ***410 WEST LAKE CIRCLE lot 10 con 3 CARP ON*** | ***WWIS***

Well ID: 7162186
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z119810
Tag: A113312
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src:
Date Received: 4/26/2011
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 7
Owner:
Street Name: 410 WEST LAKE CIRCLE
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 010
Concession: 03
Concession Name: CON
Easting NAD83:

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7162186.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/03/17
Year Completed:	2011
Depth (m):	54.864
Latitude:	45.3085182916525
Longitude:	-75.9957247252729
Path:	716\7162186.pdf

Bore Hole Information

Bore Hole ID:	1003502540	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	421944.00
Code OB Desc:		**North83:**	5017706.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Mar-2011 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003885037
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	173.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003885036
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 138.0
Formation End Depth: 173.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003885034
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003885035
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 138.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003885072
Layer: 1
Plug From: 0.0
Plug To: 56.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003885073
Layer: 2
Plug From: 56.0
Plug To: 66.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003885071

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

Pipe Information

Pipe ID: 1003885032
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003885042
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 66.0
Depth To: 180.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1003885041
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 66.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003885043
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003885033
Pump Set At: 170.0
Static Level: 13.300000190734863
Final Level After Pumping: 78.30000305175781
Recommended Pump Depth: 120.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0

Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003885056
Test Type: Draw Down
Test Duration: 15
Test Level: 58.900001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885066
Test Type: Draw Down
Test Duration: 50
Test Level: 76.4000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885051
Test Type: Recovery
Test Duration: 4
Test Level: 45.20000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885045
Test Type: Recovery
Test Duration: 1
Test Level: 68.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885054
Test Type: Draw Down
Test Duration: 10
Test Level: 47.900001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885068
Test Type: Draw Down
Test Duration: 60
Test Level: 78.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885050
Test Type: Draw Down
Test Duration: 4
Test Level: 35.79999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885065
Test Type: Recovery
Test Duration: 40
Test Level: 13.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885044
Test Type: Draw Down
Test Duration: 1
Test Level: 22.700000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885052
Test Type: Draw Down
Test Duration: 5
Test Level: 42.20000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885062
Test Type: Draw Down
Test Duration: 30
Test Level: 71.69999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885047
Test Type: Recovery
Test Duration: 2
Test Level: 60.79999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885049
Test Type: Recovery
Test Duration: 3
Test Level: 52.400001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885053
Test Type: Recovery
Test Duration: 5
Test Level: 38.599998474121094
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885055

Test Type: Recovery
Test Duration: 10
Test Level: 20.899999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885057
Test Type: Recovery
Test Duration: 15
Test Level: 13.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885060
Test Type: Draw Down
Test Duration: 25
Test Level: 68.69999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885063
Test Type: Recovery
Test Duration: 30
Test Level: 13.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885064
Test Type: Draw Down
Test Duration: 40
Test Level: 74.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885046
Test Type: Draw Down
Test Duration: 2
Test Level: 27.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885048
Test Type: Draw Down
Test Duration: 3
Test Level: 31.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003885061
Test Type: Recovery
Test Duration: 25
Test Level: 13.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1003885069
Test Type:	Recovery
Test Duration:	60
Test Level:	13.300000190734863
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003885058
Test Type:	Draw Down
Test Duration:	20
Test Level:	65.0999984741211
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003885059
Test Type:	Recovery
Test Duration:	20
Test Level:	13.300000190734863
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003885067
Test Type:	Recovery
Test Duration:	50
Test Level:	13.300000190734863
Test Level UOM:	ft

Water Details

Water ID:	1003885040
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	173.0
Water Found Depth UOM:	ft

Water Details

Water ID:	1003885039
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	138.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003885038
Diameter:	6.0
Depth From:	0.0
Depth To:	180.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	NE/113.2	116.9 / -1.00	lot 10 con 2 ON	WWIS

Well ID:	1516528	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/10/1978
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516528.pdf

Additional Detail(s) (Map)

Well Completed Date:	1978/06/20
Year Completed:	1978
Depth (m):	72.2376
Latitude:	45.3104963272199
Longitude:	-75.9918493428892
Path:	151\1516528.pdf

Bore Hole Information

Bore Hole ID:	10038439	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422250.50
Code OB Desc:		**North83:**	5017922.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Jun-1978 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931032410
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 179.0
Formation End Depth: 237.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931032408
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931032409
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 179.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961516528
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10587009
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930067551
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 237.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930067550
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991516528
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 85.0
Recommended Pump Depth: 85.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934641968
Test Type: Draw Down
Test Duration: 45
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101163
Test Type: Draw Down
Test Duration: 15
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899453
Test Type: Draw Down
Test Duration: 60
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934380877
Test Type:	Draw Down
Test Duration:	30
Test Level:	85.0
Test Level UOM:	ft

Water Details

Water ID:	933472850
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	235.0
Water Found Depth UOM:	ft

18 ***1 of 1*** ***N/143.5*** ***117.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	609693	***Inclin FLG:***	No
OGF ID:	215511309	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	4.9	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.310664
Total Depth m:	-999	***Longitude DD:***	-75.993383
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	422131
Drill Method:		***Northing:***	5017942
Orig Ground Elev m:	118	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	117		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383852	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.2	***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:	218383853	***Mat Consistency:***	
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. . WATER STABLE AT 374.0 FEET.4TY = 4700. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 022010 NTS_Sheet: 31G05D		
Confiden 1:	Reliable information but incomplete.		

Source List

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

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19 | ***1 of 1*** | ***SSW/145.5*** | ***117.9 / 0.00*** | ***3 WEST LAKE SOUTH CARP ON*** | ***WWIS***

Well ID:	7254250	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	12/16/2015
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z188450	**Owner:**	
Tag:	A165150	**Street Name:**	3 WEST LAKE SOUTH
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7254250.pdf

Additional Detail(s) (Map)

Well Completed Date:	2015/10/08
Year Completed:	2015
Depth (m):	29.56
Latitude:	45.306688163018
Longitude:	-75.9939833574688
Path:	725\7254250.pdf

Bore Hole Information

Bore Hole ID:	1005837009	**Elevation:**	

DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	422078.00
Code OB Desc:		***North83:***	5017501.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	08-Oct-2015 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005856966
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	1.5199999809265137
Formation End Depth:	4.869999885559082
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005856967
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.869999885559082
Formation End Depth:	9.140000343322754
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005856965
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	02
Mat2 Desc:	TOPSOIL
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0

Formation End Depth: 1.5199999809265137
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005856968
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 9.140000343322754
Formation End Depth: 29.559999465942383
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005857004
Layer: 1
Plug From: 13.100000381469727
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005857003
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY MUD

Pipe Information

Pipe ID: 1005856963
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005856973
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 0.0
Depth To: 13.100000381469727
Casing Diameter: 27.1299991607666
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1005856974
Layer: 2
Material: 1

Open Hole or Material:	STEEL
Depth From:	0.44999998807907104
Depth To:	13.100000381469727
Casing Diameter:	15.859999656677246
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005856975
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005856964
Pump Set At:	15.229999542236328
Static Level:	4.5
Final Level After Pumping:	4.539999961853027
Recommended Pump Depth:	15.229999542236328
Pumping Rate:	54.599998474121094
Flowing Rate:	
Recommended Pump Rate:	45.5
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1005856979
Test Type:	Recovery
Test Duration:	2
Test Level:	4.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005856984
Test Type:	Draw Down
Test Duration:	5
Test Level:	4.53000020980835
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005856995
Test Type:	Recovery
Test Duration:	30
Test Level:	4.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1005856999
Test Type: Recovery
Test Duration: 50
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856980
Test Type: Draw Down
Test Duration: 3
Test Level: 4.519999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856982
Test Type: Draw Down
Test Duration: 4
Test Level: 4.53000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856983
Test Type: Recovery
Test Duration: 4
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856988
Test Type: Draw Down
Test Duration: 15
Test Level: 4.539999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856981
Test Type: Recovery
Test Duration: 3
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856987
Test Type: Recovery
Test Duration: 10
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856993

Test Type: Recovery
Test Duration: 25
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856996
Test Type: Draw Down
Test Duration: 40
Test Level: 4.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856997
Test Type: Recovery
Test Duration: 40
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856977
Test Type: Recovery
Test Duration: 1
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856998
Test Type: Draw Down
Test Duration: 50
Test Level: 4.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856994
Test Type: Draw Down
Test Duration: 30
Test Level: 4.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856978
Test Type: Draw Down
Test Duration: 2
Test Level: 4.510000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856992
Test Type: Draw Down
Test Duration: 25
Test Level: 4.539999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005857000
Test Type: Draw Down
Test Duration: 60
Test Level: 4.539999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005857001
Test Type: Recovery
Test Duration: 60
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856985
Test Type: Recovery
Test Duration: 5
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856986
Test Type: Draw Down
Test Duration: 10
Test Level: 4.539999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856989
Test Type: Recovery
Test Duration: 15
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856990
Test Type: Draw Down
Test Duration: 20
Test Level: 4.539999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005856976
Test Type: Draw Down
Test Duration: 1
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1005856991
Test Type:	Recovery
Test Duration:	20
Test Level:	4.5
Test Level UOM:	m

Water Details

Water ID:	1005856971
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	18.280000686645508
Water Found Depth UOM:	m

Water Details

Water ID:	1005856972
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	27.43000030517578
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005856969
Diameter:	15.859999656677246
Depth From:	0.0
Depth To:	13.100000381469727
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1005856970
Diameter:	15.069999694824219
Depth From:	13.100000381469727
Depth To:	29.559999465942383
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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20 ***1 of 1*** ***WNW/146.1*** ***119.0 / 1.09*** ***30 WEST LAKE ESTATES CARP ON*** ***WWIS***

Well ID:	7156079	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	12/9/2010
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z115651	**Owner:**	
Tag:	A102382	**Street Name:**	30 WEST LAKE ESTATES
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N): ***Zone:***
Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156079.pdf

Additional Detail(s) (Map)

Well Completed Date: 2010/11/10
Year Completed: 2010
Depth (m): 83.2
Latitude: 45.3096669710872
Longitude: -75.9950942421058
Path: 715\7156079.pdf

Bore Hole Information

Bore Hole ID: 1003434853 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 421995.00
Code OB Desc: ***North83:*** 5017833.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 3
Date Completed: 10-Nov-2010 00:00:00 ***UTMRC Desc:*** margin of error : 10 - 30 m
Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1003728027
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.309999942779541
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003728028
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 65
Mat2 Desc: DARK-COLOURED
Mat3:

Mat3 Desc:
Formation Top Depth: 7.309999942779541
Formation End Depth: 83.19999694824219
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003728063
Layer: 1
Plug From: 10.359999656677246
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1003728061
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction: AIR PERCUSSION

Pipe Information

Pipe ID: 1003728025
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003728033
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.44999998807907104
Depth To: 10.359999656677246
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003728034
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003728026
Pump Set At: 45.709999084472656
Static Level: 4.139999866485596
Final Level After Pumping: 41.0
Recommended Pump Depth: 45.709999084472656
Pumping Rate: 36.400001525878906

Flowing Rate:
Recommended Pump Rate: 36.400001525878906
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003728035
Test Type: Draw Down
Test Duration: 1
Test Level: 6.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728039
Test Type: Recovery
Test Duration: 3
Test Level: 36.16999816894531
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728051
Test Type: Recovery
Test Duration: 25
Test Level: 16.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728053
Test Type: Recovery
Test Duration: 30
Test Level: 12.460000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728036
Test Type: Recovery
Test Duration: 1
Test Level: 38.650001525878906
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728040
Test Type: Draw Down
Test Duration: 4
Test Level: 10.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728046
Test Type: Draw Down
Test Duration: 15
Test Level: 20.079999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728056
Test Type: Draw Down
Test Duration: 50
Test Level: 36.77000045776367
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728037
Test Type: Draw Down
Test Duration: 2
Test Level: 8.529999732971191
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728044
Test Type: Draw Down
Test Duration: 10
Test Level: 16.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728054
Test Type: Draw Down
Test Duration: 40
Test Level: 32.95000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728043
Test Type: Recovery
Test Duration: 5
Test Level: 33.150001525878906
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728045
Test Type: Recovery
Test Duration: 10
Test Level: 26.600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728047
Test Type: Recovery
Test Duration: 15

Test Level: 20.489999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728057
Test Type: Recovery
Test Duration: 50
Test Level: 6.429999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728042
Test Type: Draw Down
Test Duration: 5
Test Level: 12.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728059
Test Type: Recovery
Test Duration: 60
Test Level: 4.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728058
Test Type: Draw Down
Test Duration: 60
Test Level: 41.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728048
Test Type: Draw Down
Test Duration: 20
Test Level: 22.200000762939453
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728049
Test Type: Recovery
Test Duration: 20
Test Level: 17.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728050
Test Type: Draw Down
Test Duration: 25
Test Level: 25.1299991607666
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728052
Test Type: Draw Down
Test Duration: 30
Test Level: 28.850000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728038
Test Type: Recovery
Test Duration: 2
Test Level: 37.599998474121094
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728041
Test Type: Recovery
Test Duration: 4
Test Level: 34.599998474121094
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003728055
Test Type: Recovery
Test Duration: 40
Test Level: 9.90999984741211
Test Level UOM: m

Water Details

Water ID: 1003728031
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 33.52000045776367
Water Found Depth UOM: m

Water Details

Water ID: 1003728032
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 79.23999786376953
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003728030
Diameter: 15.390000343322754
Depth From: 10.359999656677246
Depth To: 83.19999694824219
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003728029
Diameter: 15.859999656677246
Depth From: 0.0
Depth To: 10.359999656677246
Hole Depth UOM: m
Hole Diameter UOM: cm

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21 | **1 of 1** | **NW/150.8** | **118.9 / 1.00** | **350 WEST LAKE CIRCLE lot 10 con 3 CARP ON** | **WWIS**

Well ID: 7151411
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z110663
Tag: A105394
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/17/2010
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 7
Owner:
Street Name: 350 WEST LAKE CIRCLE
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 010
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7151411.pdf

Additional Detail(s) (Map)

Well Completed Date: 2010/08/26
Year Completed: 2010
Depth (m): 36.576
Latitude: 45.3100405296391
Longitude: -75.9945777466422
Path: 715\7151411.pdf

Bore Hole Information

Bore Hole ID: 1003337281
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-Aug-2010 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 422036.00
North83: 5017874.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: gis

Overburden and Bedrock

Materials Interval

Formation ID:	1003428893
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1003428894
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003428897
Layer:	1
Plug From:	28.0
Plug To:	18.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003428898
Layer:	2
Plug From:	18.0
Plug To:	0.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003428930
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1003428891

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003428900
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 28.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1003428901
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 28.0
Depth To: 120.0
Casing Diameter: 5.9375
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003428902
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003428892
Pump Set At: 115.0
Static Level: 16.170000076293945
Final Level After Pumping: 111.80000305175781
Recommended Pump Depth: 100.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1003428904

Test Type: Recovery
Test Duration: 1
Test Level: 84.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428907
Test Type: Draw Down
Test Duration: 3
Test Level: 39.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428917
Test Type: Draw Down
Test Duration: 20
Test Level: 78.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428920
Test Type: Recovery
Test Duration: 25
Test Level: 19.579999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428924
Test Type: Recovery
Test Duration: 40
Test Level: 16.170000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428918
Test Type: Recovery
Test Duration: 20
Test Level: 21.579999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428905
Test Type: Draw Down
Test Duration: 2
Test Level: 33.33000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428908
Test Type: Recovery
Test Duration: 3
Test Level: 62.41999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428909
Test Type: Draw Down
Test Duration: 4
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428910
Test Type: Recovery
Test Duration: 4
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428914
Test Type: Recovery
Test Duration: 10
Test Level: 32.41999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428915
Test Type: Draw Down
Test Duration: 15
Test Level: 69.33000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428921
Test Type: Draw Down
Test Duration: 30
Test Level: 91.41999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428928
Test Type: Recovery
Test Duration: 60
Test Level: 16.170000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428906
Test Type: Recovery
Test Duration: 2
Test Level: 72.16999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428919
Test Type: Draw Down
Test Duration: 25
Test Level: 86.16999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428925
Test Type: Draw Down
Test Duration: 50
Test Level: 107.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428903
Test Type: Draw Down
Test Duration: 1
Test Level: 25.420000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428922
Test Type: Recovery
Test Duration: 30
Test Level: 18.079999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428916
Test Type: Recovery
Test Duration: 15
Test Level: 25.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428923
Test Type: Draw Down
Test Duration: 40
Test Level: 101.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428912
Test Type: Recovery
Test Duration: 5
Test Level: 48.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428913
Test Type: Draw Down
Test Duration: 10
Test Level: 61.41999816894531

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428926
Test Type: Recovery
Test Duration: 50
Test Level: 16.170000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428911
Test Type: Draw Down
Test Duration: 5
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003428927
Test Type: Draw Down
Test Duration: 60
Test Level: 111.66999816894531
Test Level UOM: ft

Water Details

Water ID: 1003428899
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 112.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003428895
Diameter: 6.0
Depth From: 0.0
Depth To: 28.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1003428896
Diameter: 5.9375
Depth From: 28.0
Depth To: 120.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	ENE/151.9	116.8 / -1.04	2878 Carp Rd Ottawa ON K0A1L0	EHS

Order No: 20151015009
Status: C
Report Type: RSC Report (Urban)
Report Date: 21-OCT-15
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3

Date Received:	15-OCT-15	**X:**	-75.990144
Previous Site Name:	Vacant	**Y:**	45.309755
Lot/Building Size:			
Additional Info Ordered:			

23 **1 of 1** **ESE/158.0** **116.9 / -1.00** **lot 9 con 3 ON** **WWIS**

Well ID:	1503122	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4824
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	009
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503122.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/03/25
Year Completed:	1961
Depth (m):	24.9936
Latitude:	45.3076207398288
Longitude:	-75.991287657184
Path:	150\1503122.pdf

Bore Hole Information

Bore Hole ID:	10025165	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422290.60
Code OB Desc:		**North83:**	5017602.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	25-Mar-1961 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930996059
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930996058
Layer:	1
Color:	7
General Color:	RED
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961503122
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573735
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930043097
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930043098
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	82.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991503122
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	15.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933455977
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.0
Water Found Depth UOM:	ft

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24 | ***1 of 1*** | ***SW/166.0*** | ***118.0 / 0.13*** | ***517 OSMOND DALEY DRIVE LOT 22 lot 9 con 3 CARP ON*** | ***WWIS***

Well ID:	7299401	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	11/17/2017
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z256763	**Owner:**	
Tag:	A200006	**Street Name:**	517 OSMOND DALEY DRIVE LOT 22
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	009
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7299401.pdf

Additional Detail(s) (Map)

Well Completed Date:	2017/09/11
Year Completed:	2017
Depth (m):	106.67
Latitude:	45.3068846129515
Longitude:	-75.9951986290275
Path:	729\7299401.pdf

Bore Hole Information

Bore Hole ID:	1006803933	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	421983.00
Code OB Desc:		***North83:***	5017524.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	11-Sep-2017 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007037981
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.880000114440918
Formation End Depth:	106.66999816894531
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007037979
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.8200000524520874
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1007037980
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.570000171661377
Formation End Depth:	11.880000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007037978
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.8200000524520874
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007038015
Layer:	1
Plug From:	14.930000305175781
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007038014
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1007037976
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007037986
Layer:	2
Material:	1

Open Hole or Material: STEEL
Depth From: -0.44999998807907104
Depth To: 14.930000305175781
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1007037985
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 0.0
Depth To: 14.930000305175781
Casing Diameter: 27.1299991607666
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007037987
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1007037977
Pump Set At: 76.19000244140625
Static Level: 4.090000152587891
Final Level After Pumping: 31.200000762939453
Recommended Pump Depth: 76.19000244140625
Pumping Rate: 36.400001525878906
Flowing Rate:
Recommended Pump Rate: 36.400001525878906
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1007037991
Test Type: Recovery
Test Duration: 2
Test Level: 28.1299991607666
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038012
Test Type: Recovery

Test Duration: 60
Test Level: 4.079999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037995
Test Type: Recovery
Test Duration: 4
Test Level: 25.639999389648438
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038004
Test Type: Draw Down
Test Duration: 25
Test Level: 17.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038010
Test Type: Recovery
Test Duration: 50
Test Level: 4.099999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038006
Test Type: Draw Down
Test Duration: 30
Test Level: 19.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037993
Test Type: Recovery
Test Duration: 3
Test Level: 26.75
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037998
Test Type: Draw Down
Test Duration: 10
Test Level: 11.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037990
Test Type: Draw Down
Test Duration: 2
Test Level: 6.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037996
Test Type: Draw Down
Test Duration: 5
Test Level: 8.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037994
Test Type: Draw Down
Test Duration: 4
Test Level: 7.980000019073486
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037999
Test Type: Recovery
Test Duration: 10
Test Level: 18.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038001
Test Type: Recovery
Test Duration: 15
Test Level: 13.850000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038002
Test Type: Draw Down
Test Duration: 20
Test Level: 16.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038007
Test Type: Recovery
Test Duration: 30
Test Level: 4.989999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038008
Test Type: Recovery
Test Duration: 40
Test Level: 4.139999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037989

Test Type: Recovery
Test Duration: 1
Test Level: 29.56999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037992
Test Type: Draw Down
Test Duration: 3
Test Level: 7.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037997
Test Type: Recovery
Test Duration: 5
Test Level: 24.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038005
Test Type: Recovery
Test Duration: 25
Test Level: 7.21999979019165
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038011
Test Type: Draw Down
Test Duration: 60
Test Level: 31.200000762939453
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007037988
Test Type: Draw Down
Test Duration: 1
Test Level: 5.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038000
Test Type: Draw Down
Test Duration: 15
Test Level: 14.050000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007038003
Test Type: Recovery
Test Duration: 20
Test Level: 9.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1007038009
Test Type:	Draw Down
Test Duration:	50
Test Level:	26.299999237060547
Test Level UOM:	m

Water Details

Water ID:	1007037984
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007037983
Diameter:	15.550000190734863
Depth From:	14.930000305175781
Depth To:	106.66999816894531
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1007037982
Diameter:	15.859999656677246
Depth From:	0.0
Depth To:	14.930000305175781
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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25 ***1 of 1*** ***NE/173.6*** ***117.0 / -0.92*** ***2900 Carp Rd Ottawa ON K0A1L0*** ***EHS***

Order No:	20140616005	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	24-JUN-14	***Search Radius (km):***	.34
Date Received:	16-JUN-14	***X:***	-75.991246
Previous Site Name:		***Y:***	45.310884
Lot/Building Size:			
Additional Info Ordered:	City Directory		

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26 ***1 of 1*** ***WSW/174.4*** ***119.2 / 1.30*** ***MCGEE SIDE ROAD lot 10 con 3 CARP ON*** ***WWIS***

Well ID:	1536342	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	5/9/2006
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	1119
Casing Material:		***Form Version:***	3
Audit No:	Z39913	***Owner:***	
Tag:	A023024	***Street Name:***	MCGEE SIDE ROAD

Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536342.pdf

Additional Detail(s) (Map)

Well Completed Date:	2006/03/10
Year Completed:	2006
Depth (m):	24.38
Latitude:	45.3076675014068
Longitude:	-75.9962583517053
Path:	153\1536342.pdf

Bore Hole Information

Bore Hole ID:	11550408	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	421901.00
Code OB Desc:		**North83:**	5017612.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10-Mar-2006 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933056418
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	12.800000190734863
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933056419

Layer:	2
Color:	2
General Color:	GREY
Mat1:	46
Most Common Material:	QUARTZ
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.800000190734863
Formation End Depth:	24.3799991607666
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933295043
Layer:	1
Plug From:	15.850000381469727
Plug To:	12.800000190734863
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933295044
Layer:	2
Plug From:	12.800000190734863
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961536342
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	11560015
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930880640
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	15.850000381469727
Depth To:	24.3799991607666
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	930880639

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 16.459999084472656
Casing Diameter: 15.880000114440918
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11569444
Pump Set At: 21.329999923706055
Static Level: 3.0799999237060547
Final Level After Pumping: 19.290000915527344
Recommended Pump Depth: 21.329999923706055
Pumping Rate: 68.25
Flowing Rate:
Recommended Pump Rate: 68.25
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11631292
Test Type: Recovery
Test Duration: 5
Test Level: 8.640000343322754
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631283
Test Type: Draw Down
Test Duration: 1
Test Level: 6.340000152587891
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631284
Test Type: Recovery
Test Duration: 1
Test Level: 14.3100004196167
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631285
Test Type: Draw Down
Test Duration: 2
Test Level: 8.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631293
Test Type: Draw Down
Test Duration: 10
Test Level: 16.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631294
Test Type: Recovery
Test Duration: 10
Test Level: 4.920000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631299
Test Type: Draw Down
Test Duration: 25
Test Level: 19.15999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631301
Test Type: Draw Down
Test Duration: 30
Test Level: 19.190000534057617
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631290
Test Type: Recovery
Test Duration: 4
Test Level: 9.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631305
Test Type: Draw Down
Test Duration: 60
Test Level: 19.290000915527344
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631298
Test Type: Recovery
Test Duration: 20
Test Level: 3.380000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631304
Test Type: Draw Down
Test Duration: 50

Test Level: 19.270000457763672
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631291
Test Type: Draw Down
Test Duration: 5
Test Level: 12.239999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631295
Test Type: Draw Down
Test Duration: 15
Test Level: 18.479999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631300
Test Type: Recovery
Test Duration: 25
Test Level: 3.109999895095825
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631303
Test Type: Draw Down
Test Duration: 40
Test Level: 19.219999313354492
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631287
Test Type: Draw Down
Test Duration: 3
Test Level: 9.789999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631289
Test Type: Draw Down
Test Duration: 4
Test Level: 11.050000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11631302
Test Type: Recovery
Test Duration: 30
Test Level: 3.0899999141693115
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	11631286
Test Type:	Recovery
Test Duration:	2
Test Level:	12.460000038146973
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11631288
Test Type:	Recovery
Test Duration:	3
Test Level:	10.699999809265137
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11631296
Test Type:	Recovery
Test Duration:	15
Test Level:	3.819999933242798
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11631297
Test Type:	Draw Down
Test Duration:	20
Test Level:	19.100000381469727
Test Level UOM:	m

Water Details

Water ID:	934075089
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	22.25
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11681108
Diameter:	15.229999542236328
Depth From:	0.0
Depth To:	24.3799991607666
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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27 ***1 of 1*** ***ENE/183.2*** ***116.9 / -1.00*** ***2914 CARP ROAD lot 10 con 2 OTTAWA ON*** ***WWIS***

Well ID:	7042385	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	4/4/2007
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6574
Casing Material:		***Form Version:***	3
Audit No:	Z42180	***Owner:***	

Tag:	A045206	**Street Name:**	2914 CARP ROAD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7042385.pdf

Additional Detail(s) (Map)

Well Completed Date:	2007/01/28
Year Completed:	2007
Depth (m):	12.1
Latitude:	45.3103746638511
Longitude:	-75.9903100056476
Path:	704\7042385.pdf

Bore Hole Information

Bore Hole ID:	11764880	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422371.00
Code OB Desc:		**North83:**	5017907.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	28-Jan-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933096749
Layer:	4
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	12.100000381469727
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933096747
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	1.0
Formation End Depth:	3.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933096748
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	5.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933096746
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933316714
Layer:	1
Plug From:	0.0
Plug To:	7.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967042385
Method Construction Code:	5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11772600
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930897688
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 7.0
Casing Diameter: 15.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11777923
Pump Set At: 11.0
Static Level: 5.119999885559082
Final Level After Pumping: 5.800000190734863
Recommended Pump Depth: 10.0
Pumping Rate: 130.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11800776
Test Type: Recovery
Test Duration: 3
Test Level: 0.1599999964237213
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800784
Test Type: Draw Down
Test Duration: 20
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800791
Test Type: Recovery

Test Duration: 60
Test Level: 0.12999999523162842
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800773
Test Type: Draw Down
Test Duration: 2
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800777
Test Type: Draw Down
Test Duration: 4
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800782
Test Type: Recovery
Test Duration: 10
Test Level: 0.15000000596046448
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800785
Test Type: Draw Down
Test Duration: 25
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800786
Test Type: Draw Down
Test Duration: 30
Test Level: 5.820000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800775
Test Type: Draw Down
Test Duration: 3
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800778
Test Type: Recovery
Test Duration: 4
Test Level: 0.1599999964237213
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800783
Test Type: Draw Down
Test Duration: 15
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800788
Test Type: Draw Down
Test Duration: 40
Test Level: 5.820000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800789
Test Type: Draw Down
Test Duration: 50
Test Level: 5.820000171661377
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800790
Test Type: Draw Down
Test Duration: 60
Test Level: 5.829999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800772
Test Type: Recovery
Test Duration: 1
Test Level: 5.170000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800774
Test Type: Recovery
Test Duration: 2
Test Level: 5.159999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800779
Test Type: Draw Down
Test Duration: 5
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800771

Test Type: Draw Down
Test Duration: 1
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800787
Test Type: Recovery
Test Duration: 30
Test Level: 0.14000000059604645
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800780
Test Type: Recovery
Test Duration: 5
Test Level: 0.1599999964237213
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11800781
Test Type: Draw Down
Test Duration: 10
Test Level: 5.800000190734863
Test Level UOM: m

Water Details

Water ID: 934085091
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 11.5
Water Found Depth UOM: m

Water Details

Water ID: 934085090
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 9.800000190734863
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11851153
Diameter: 15.699999809265137
Depth From: 7.0
Depth To: 12.100000381469727
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11851152
Diameter: 25.0

Depth From:	0.0
Depth To:	7.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

28 **1 of 1** **NNW/197.9** **117.9 / -0.01** **330 WEST LANKE CIRCLE lot 10 con 3 CARP ON** **WWIS**

Well ID:	7181766	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	5/29/2012
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4875
Casing Material:		**Form Version:**	7
Audit No:	Z149061	**Owner:**	
Tag:	A117487	**Street Name:**	330 WEST LANKE CIRCLE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	010
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181766.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/05/07
Year Completed:	2012
Depth (m):	63.14
Latitude:	45.3107446459553
Longitude:	-75.9943476785438
Path:	718\7181766.pdf

Bore Hole Information

Bore Hole ID:	1003810074	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422055.00
Code OB Desc:		**North83:**	5017952.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	07-May-2012 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 1004326136

Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.880000114440918
Formation End Depth:	63.13999938964844
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004326135
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	4.880000114440918
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004326172
Layer:	1
Plug From:	0.0
Plug To:	8.239999771118164
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004326171
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1004326133
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004326142
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.6000000238418579
Depth To:	8.239999771118164

Casing Diameter: 15.880000114440918
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004326143
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1004326134
Pump Set At: 42.70000076293945
Static Level: 5.510000228881836
Final Level After Pumping: 20.0
Recommended Pump Depth: 49.0
Pumping Rate: 32.0
Flowing Rate:
Recommended Pump Rate: 32.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1004326155
Test Type: Recovery
Test Duration: 10
Test Level: 10.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326165
Test Type: Recovery
Test Duration: 40
Test Level: 5.809999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326144
Test Type: Draw Down
Test Duration: 1
Test Level: 6.889999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326148
Test Type: Draw Down
Test Duration: 3
Test Level: 8.930000305175781
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326166
Test Type: Draw Down
Test Duration: 50
Test Level: 21.010000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326167
Test Type: Recovery
Test Duration: 50
Test Level: 5.760000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326169
Test Type: Recovery
Test Duration: 60
Test Level: 5.730000019073486
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326145
Test Type: Recovery
Test Duration: 1
Test Level: 18.479999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326147
Test Type: Recovery
Test Duration: 2
Test Level: 17.459999084472656
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326150
Test Type: Draw Down
Test Duration: 4
Test Level: 8.819999694824219
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326162
Test Type: Draw Down
Test Duration: 30
Test Level: 18.389999389648438

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326164
Test Type: Draw Down
Test Duration: 40
Test Level: 19.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326149
Test Type: Recovery
Test Duration: 3
Test Level: 16.31999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326154
Test Type: Draw Down
Test Duration: 10
Test Level: 13.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326156
Test Type: Draw Down
Test Duration: 15
Test Level: 15.470000267028809
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326158
Test Type: Draw Down
Test Duration: 20
Test Level: 16.8799991607666
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326146
Test Type: Draw Down
Test Duration: 2
Test Level: 7.960000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326161
Test Type: Recovery
Test Duration: 25
Test Level: 6.230000019073486
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326168
Test Type: Draw Down
Test Duration: 60
Test Level: 20.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326159
Test Type: Recovery
Test Duration: 20
Test Level: 6.650000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326160
Test Type: Draw Down
Test Duration: 25
Test Level: 17.850000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326163
Test Type: Recovery
Test Duration: 30
Test Level: 5.980000019073486
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326151
Test Type: Recovery
Test Duration: 4
Test Level: 15.270000457763672
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326152
Test Type: Draw Down
Test Duration: 5
Test Level: 10.630000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326153
Test Type: Recovery
Test Duration: 5
Test Level: 14.239999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004326157
Test Type: Recovery
Test Duration: 15

Test Level: 7.099999904632568
Test Level UOM: m

Water Details

Water ID: 1004326140
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 26.0
Water Found Depth UOM: m

Water Details

Water ID: 1004326141
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth: 54.400001525878906
Water Found Depth UOM: m

Water Details

Water ID: 1004326139
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 15.800000190734863
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004326137
Diameter: 15.239999771118164
Depth From: 8.239999771118164
Depth To: 59.470001220703125
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1004326138
Diameter: 14.609999656677246
Depth From: 59.470001220703125
Depth To: 63.13999938964844
Hole Depth UOM: m
Hole Diameter UOM: cm

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29 | ***1 of 1*** | ***ESE/203.1*** | ***116.6 / -1.31*** | ***lot 9 con 3 ON*** | ***WWIS***

Well ID: 1514027
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 5/27/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3658
Form Version: 1
Owner:
Street Name:
County: OTTAWA

Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	009
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514027.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/02/07
Year Completed:	1974
Depth (m):	23.7744
Latitude:	45.3076193750702
Longitude:	-75.9904074450349
Path:	151\1514027.pdf

Bore Hole Information

Bore Hole ID:	10036009	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422359.60
Code OB Desc:		**North83:**	5017601.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	07-Feb-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025128
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	8.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025127
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:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025129
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	78.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961514027
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584579
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063612
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063613
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE

Depth From:
Depth To: 78.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991514027
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 35.0
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: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934381282
Test Type: Draw Down
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899745
Test Type: Draw Down
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641857
Test Type: Draw Down
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099790
Test Type: Draw Down
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933469802
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

30 **1 of 1** **SSE/210.1** **116.9 / -1.00** **ON** **BORE**

Borehole ID:	609682	**Inclin FLG:**	No
OGF ID:	215511298	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.306626
Total Depth m:	-999	**Longitude DD:**	-75.991909
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	422241
Drill Method:		**Northing:**	5017492
Orig Ground Elev m:	118	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	116		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383819	**Mat Consistency:**	
Top Depth:	11.6	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. BLACK. LIMESTONE. GREY. 00075ITY = 5000. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383818	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	11.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 021900 NTS_Sheet: 31G05D		

Confiden 1: Reliable information but incomplete.

Source List

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

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31 ***1 of 2*** ***SSW/218.0*** ***117.9 / -0.02*** ***LOT 4 WEST LAKE SOUTH CARP ON*** ***WWIS***

Well ID: 7199589
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z139874
Tag: A123352
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src:
Date Received: 3/28/2013
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: LOT 4 WEST LAKE SOUTH
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7199589.pdf

Additional Detail(s) (Map)

Well Completed Date: 2012/12/13
Year Completed: 2012
Depth (m): 15.23
Latitude: 45.306072715432
Longitude: -75.9943680367299
Path: 719\7199589.pdf

Bore Hole Information

Bore Hole ID: 1004269688
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 13-Dec-2012 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Elevation:
Elevrc:
Zone: 18
East83: 422047.00
North83: 5017433.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1004973932
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5199999809265137
Formation End Depth:	4.260000228881836
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004973934
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	10.050000190734863
Formation End Depth:	15.229999542236328
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004973931
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	01
Mat3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	1.5199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004973933
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4.260000228881836
Formation End Depth: 10.050000190734863
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004973961
Layer: 1
Plug From: 13.100000381469727
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004973960
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction: AIR PERCUSSION

Pipe Information

Pipe ID: 1004973929
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004973938
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 1.059999942779541
Depth To: 13.100000381469727
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004973939
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1004973930
Pump Set At: 13.710000038146973
Static Level: 5.289999961853027

Final Level After Pumping: 6.28000020980835
Recommended Pump Depth: 12.1899995803833
Pumping Rate: 45.5
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1004973942
Test Type: Draw Down
Test Duration: 2
Test Level: 6.159999847412109
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973948
Test Type: Draw Down
Test Duration: 5
Test Level: 6.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973950
Test Type: Draw Down
Test Duration: 10
Test Level: 6.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973954
Test Type: Draw Down
Test Duration: 25
Test Level: 6.269999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973955
Test Type: Draw Down
Test Duration: 30
Test Level: 6.269999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973949
Test Type: Recovery
Test Duration: 5
Test Level: 5.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973953
Test Type: Draw Down
Test Duration: 20
Test Level: 6.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973945
Test Type: Recovery
Test Duration: 3
Test Level: 5.340000152587891
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973947
Test Type: Recovery
Test Duration: 4
Test Level: 5.329999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973941
Test Type: Recovery
Test Duration: 1
Test Level: 5.389999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973944
Test Type: Draw Down
Test Duration: 3
Test Level: 6.179999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973946
Test Type: Draw Down
Test Duration: 4
Test Level: 6.190000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973952
Test Type: Draw Down
Test Duration: 15
Test Level: 6.260000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973958
Test Type: Draw Down
Test Duration: 60
Test Level: 6.28000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973940
Test Type: Draw Down
Test Duration: 1
Test Level: 6.130000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973951
Test Type: Recovery
Test Duration: 10
Test Level: 5.289999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973957
Test Type: Draw Down
Test Duration: 50
Test Level: 6.28000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973943
Test Type: Recovery
Test Duration: 2
Test Level: 5.360000133514404
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004973956
Test Type: Draw Down
Test Duration: 40
Test Level: 6.269999980926514
Test Level UOM: m

Water Details

Water ID: 1004973937
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 14.020000457763672
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004973936
Diameter: 15.229999542236328
Depth From: 13.100000381469727

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

Hole Diameter

Hole ID: 1004973935
Diameter: 15.859999656677246
Depth From: 0.0
Depth To: 13.100000381469727
Hole Depth UOM: m
Hole Diameter UOM: cm

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31 | **2 of 2** | **SSW/218.0** | **117.9 / -0.02** | **524 OSMOND DALEY DRIVE LOT 4 CARP ON** | **WWIS**

Well ID: 7287149
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: Z226816
Tag: A123352
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/25/2017
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 1558
Form Version: 7
Owner:
Street Name: 524 OSMOND DALEY DRIVE LOT 4
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/728\7287149.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/08/05
Year Completed: 2016
Depth (m):
Latitude: 45.306072715432
Longitude: -75.9943680367299
Path: 728\7287149.pdf

Bore Hole Information

Bore Hole ID: 1006477573
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Aug-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation:
Elevrc:
Zone: 18
East83: 422047.00
North83: 5017433.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1006752599
Layer:
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006752605
Layer: 1
Plug From: 15.229999542236328
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006752604
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006752598
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006752602
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006752603
Layer:

Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006752601
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006752600
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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32 | ***1 of 1*** | ***WNW/223.0*** | ***119.1 / 1.24*** | ***LOT 29N WEST LAKE ESTATES CARP ON*** | ***WWIS***

Well ID: 7171005
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z115728
Tag: A102485
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/2/2011
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: LOT 29N WEST LAKE ESTATES
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7171005.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/06/17
Year Completed: 2011
Depth (m): 83.2
Latitude: 45.3102107507434
Longitude: -75.9957033342428
Path: 717\7171005.pdf

Bore Hole Information

Bore Hole ID:	1003595073	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	421948.00
Code OB Desc:		**North83:**	5017894.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	17-Jun-2011 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004011344
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.480000019073486
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004011345
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	27
Mat3 Desc:	OTHER
Formation Top Depth:	5.480000019073486
Formation End Depth:	83.19999694824219
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004011374
Layer:	1
Plug From:	8.529999732971191
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1004011373
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1004011342
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004011350
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.44999998807907104
Depth To: 8.529999732971191
Casing Diameter: 15.859999656677246
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004011351
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1004011343
Pump Set At: 76.19000244140625
Static Level: 3.6500000953674316
Final Level After Pumping: 6.789999961853027
Recommended Pump Depth: 22.850000381469727
Pumping Rate: 45.5
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1004011356
Test Type: Draw Down
Test Duration: 3
Test Level: 5.380000114440918

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011371
Test Type: Draw Down
Test Duration: 60
Test Level: 6.789999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011361
Test Type: Recovery
Test Duration: 5
Test Level: 3.819999933242798
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011368
Test Type: Draw Down
Test Duration: 30
Test Level: 6.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011357
Test Type: Recovery
Test Duration: 3
Test Level: 3.9800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011358
Test Type: Draw Down
Test Duration: 4
Test Level: 5.559999942779541
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011360
Test Type: Draw Down
Test Duration: 5
Test Level: 5.679999828338623
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011369
Test Type: Draw Down
Test Duration: 40
Test Level: 6.760000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011370
Test Type: Draw Down
Test Duration: 50
Test Level: 6.78000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011359
Test Type: Recovery
Test Duration: 4
Test Level: 3.869999885559082
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011363
Test Type: Recovery
Test Duration: 10
Test Level: 3.759999990463257
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011367
Test Type: Draw Down
Test Duration: 25
Test Level: 6.03000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011354
Test Type: Draw Down
Test Duration: 2
Test Level: 5.130000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011362
Test Type: Draw Down
Test Duration: 10
Test Level: 5.960000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011364
Test Type: Draw Down
Test Duration: 15
Test Level: 6.019999980926514
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011366
Test Type: Recovery
Test Duration: 20

Test Level: 3.680000066757202
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011352
Test Type: Draw Down
Test Duration: 1
Test Level: 4.739999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011353
Test Type: Recovery
Test Duration: 1
Test Level: 5.039999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011355
Test Type: Recovery
Test Duration: 2
Test Level: 4.289999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004011365
Test Type: Recovery
Test Duration: 15
Test Level: 3.7100000381469727
Test Level UOM: m

Water Details

Water ID: 1004011348
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 57.900001525878906
Water Found Depth UOM: m

Water Details

Water ID: 1004011349
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 82.29000091552734
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004011347
Diameter: 15.229999542236328
Depth From: 8.529999732971191
Depth To: 83.19999694824219
Hole Depth UOM: m

Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1004011346
Diameter: 15.859999656677246
Depth From: 0.0
Depth To: 8.529999732971191
Hole Depth UOM: m
Hole Diameter UOM: cm

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33 | ***1 of 1*** | ***ENE/226.7*** | ***115.9 / -1.98*** | ***2876 CARP RD lot 9 con 2 CARP ON*** | ***WWIS***

Well ID: 7244461
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z199160
Tag: A162823
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/14/2015
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2558
Form Version: 7
Owner:
Street Name: 2876 CARP RD
County: OTTAWA
Municipality: HUNTLEY TOWNSHIP
Site Info:
Lot: 009
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2015/06/04
Year Completed: 2015
Depth (m): 60.96
Latitude: 45.3099878348674
Longitude: -75.9892444472388
Path:

Bore Hole Information

Bore Hole ID: 1005476375
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Jun-2015 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83: 422454.00
North83: 5017863.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1005653334
Layer:	1
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005653335
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22.0
Formation End Depth:	200.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005653370
Layer:	1
Plug From:	0.0
Plug To:	44.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005653371
Layer:	2
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005653369
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005653332
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005653340
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005653341
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005653333
Pump Set At:	150.0
Static Level:	
Final Level After Pumping:	9.0
Recommended Pump Depth:	180.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1005653347
Test Type:	Recovery
Test Duration:	3
Test Level:	79.38999938964844
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005653349

Test Type: Recovery
Test Duration: 4
Test Level: 74.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653350
Test Type: Draw Down
Test Duration: 5
Test Level: 33.630001068115234
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653357
Test Type: Recovery
Test Duration: 20
Test Level: 34.060001373291016
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653367
Test Type: Recovery
Test Duration: 60
Test Level: 17.030000686645508
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653348
Test Type: Draw Down
Test Duration: 4
Test Level: 31.489999771118164
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653351
Test Type: Recovery
Test Duration: 5
Test Level: 70.54000091552734
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653360
Test Type: Draw Down
Test Duration: 30
Test Level: 69.29000091552734
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653345
Test Type: Recovery
Test Duration: 2
Test Level: 83.52999877929688
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653359
Test Type: Recovery
Test Duration: 25
Test Level: 29.200000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653354
Test Type: Draw Down
Test Duration: 15
Test Level: 48.22999954223633
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653358
Test Type: Draw Down
Test Duration: 25
Test Level: 61.189998626708984
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653365
Test Type: Recovery
Test Duration: 50
Test Level: 18.540000915527344
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653366
Test Type: Draw Down
Test Duration: 60
Test Level: 93.33999633789062
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653342
Test Type: Draw Down
Test Duration: 1
Test Level: 25.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653355
Test Type: Recovery
Test Duration: 15
Test Level: 41.08000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653353
Test Type: Recovery
Test Duration: 10
Test Level: 52.43000030517578
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653364
Test Type: Draw Down
Test Duration: 50
Test Level: 84.37999725341797
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653343
Test Type: Recovery
Test Duration: 1
Test Level: 89.56999969482422
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653344
Test Type: Draw Down
Test Duration: 2
Test Level: 26.739999771118164
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653346
Test Type: Draw Down
Test Duration: 3
Test Level: 29.200000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653352
Test Type: Draw Down
Test Duration: 10
Test Level: 41.88999938964844
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653356
Test Type: Draw Down
Test Duration: 20
Test Level: 55.45000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653361
Test Type: Recovery
Test Duration: 30
Test Level: 25.719999313354492

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653362
Test Type: Draw Down
Test Duration: 40
Test Level: 75.69000244140625
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005653363
Test Type: Recovery
Test Duration: 40
Test Level: 21.1299991607666
Test Level UOM: ft

Water Details

Water ID: 1005653338
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 165.0
Water Found Depth UOM: ft

Water Details

Water ID: 1005653337
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 50.0
Water Found Depth UOM: ft

Water Details

Water ID: 1005653339
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth: 185.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005653336
Diameter: 25.399999618530273
Depth From: 0.0
Depth To: 44.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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34 | ***1 of 1*** | ***SSW/229.4*** | ***117.9 / -0.02*** | ***OSMOND DALEY DRIVE LOT 4 CARP ON*** | ***WWIS***

Well ID: 7287146
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src:
Date Received: 5/25/2017

Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z226815	**Owner:**	
Tag:	A165102	**Street Name:**	OSMOND DALEY DRIVE LOT 4
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	HUNTLEY TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/728\7287146.pdf

Additional Detail(s) (Map)

Well Completed Date:	2016/08/03
Year Completed:	2016
Depth (m):	83.2
Latitude:	45.3059480467011
Longitude:	-75.9942127851794
Path:	728\7287146.pdf

Bore Hole Information

Bore Hole ID:	1006477512	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	422059.00
Code OB Desc:		**North83:**	5017419.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	03-Aug-2016 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006752473
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	17.3700008392334
Formation End Depth:	83.19999694824219
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006752470
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	4.869999885559082
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006752472
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	71
Mat3 Desc:	FRACTURED
Formation Top Depth:	11.579999923706055
Formation End Depth:	17.3700008392334
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006752471
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	4.869999885559082
Formation End Depth:	11.579999923706055
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006752509
Layer:	1
Plug From:	17.3700008392334
Plug To:	0.0
Plug Depth UOM:	m

Method of Construction & Well

Use

Method Construction ID:	1006752508
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	ROTARY MUD

Pipe Information

Pipe ID:	1006752468
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006752479
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.44999998807907104
Depth To:	17.3700008392334
Casing Diameter:	15.859999656677246
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1006752478
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	27.1299991607666
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006752480
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1006752469
Pump Set At:	45.709999084472656
Static Level:	4.900000095367432
Final Level After Pumping:	10.300000190734863
Recommended Pump Depth:	39.619998931884766
Pumping Rate:	45.5
Flowing Rate:	
Recommended Pump Rate:	45.5
Levels UOM:	m
Rate UOM:	LPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1006752481
Test Type: Draw Down
Test Duration: 1
Test Level: 6.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752489
Test Type: Draw Down
Test Duration: 5
Test Level: 8.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752493
Test Type: Draw Down
Test Duration: 15
Test Level: 10.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752497
Test Type: Draw Down
Test Duration: 25
Test Level: 10.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752505
Test Type: Draw Down
Test Duration: 60
Test Level: 10.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752483
Test Type: Draw Down
Test Duration: 2
Test Level: 7.400000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752490
Test Type: Recovery
Test Duration: 5

Test Level: 5.710000038146973
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752501
Test Type: Draw Down
Test Duration: 40
Test Level: 10.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752488
Test Type: Recovery
Test Duration: 4
Test Level: 6.039999961853027
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752487
Test Type: Draw Down
Test Duration: 4
Test Level: 8.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752498
Test Type: Recovery
Test Duration: 25
Test Level: 5.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752485
Test Type: Draw Down
Test Duration: 3
Test Level: 7.949999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752486
Test Type: Recovery
Test Duration: 3
Test Level: 6.550000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752495
Test Type: Draw Down
Test Duration: 20
Test Level: 10.140000343322754
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752499
Test Type: Draw Down
Test Duration: 30
Test Level: 10.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752504
Test Type: Recovery
Test Duration: 50
Test Level: 4.900000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752484
Test Type: Recovery
Test Duration: 2
Test Level: 7.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752494
Test Type: Recovery
Test Duration: 15
Test Level: 5.03000020980835
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752506
Test Type: Recovery
Test Duration: 60
Test Level: 4.900000095367432
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752496
Test Type: Recovery
Test Duration: 20
Test Level: 5.010000228881836
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752500
Test Type: Recovery
Test Duration: 30
Test Level: 4.980000019073486
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752503
Test Type: Draw Down

Test Duration: 50
Test Level: 10.300000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752482
Test Type: Recovery
Test Duration: 1
Test Level: 8.529999732971191
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752492
Test Type: Recovery
Test Duration: 10
Test Level: 5.139999866485596
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752491
Test Type: Draw Down
Test Duration: 10
Test Level: 9.75
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1006752502
Test Type: Recovery
Test Duration: 40
Test Level: 4.940000057220459
Test Level UOM: m

Water Details

Water ID: 1006752477
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 41.13999938964844
Water Found Depth UOM: m

Water Details

Water ID: 1006752476
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 32.0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006752474
Diameter: 15.859999656677246
Depth From: 0.0
Depth To: 17.3700008392334

Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1006752475
Diameter: 15.229999542236328
Depth From: 17.3700008392334
Depth To: 83.19999694824219
Hole Depth UOM: m
Hole Diameter UOM: cm

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35 | **1 of 1** | **NW/237.2** | **118.9 / 1.05** | **310 West Lake Circle, Ottawa ON** | **PINC**

Incident Id:
Incident No: 785980
Incident Reported Dt:
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Tank Status: RC Established
Task No: 3780967
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2012/04/02
Depth:
Customer Acct Name:
Incident Address:
Operation Type:
Pipeline Type:
Regulator Type:
Pipe Material:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interrupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail

Summary: 310 West Lake Circle, Ottawa - 1/2" Pipeline Hit
Reported By: Jeff.Stiles@enbridge.com
Affiliation:
Occurrence Desc:
Damage Reason: No notification made to the one call center
Notes:

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36 | **1 of 1** | **ESE/242.9** | **115.9 / -2.00** | **Import Extra Ltd. 2848 Carp Road Carp ON K0A 1L0** | **GEN**

Generator No: ON9950274
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 9 Con 2	West Carleton ON	
CA	Morgan's Grant Subdivision Phase 6, 7 & 8	Lot 10, Concession 3	Ottawa ON	
CA	WEST CARLETON TOWNSHIP	RR#5 (CARP RD.) S-WATER MGT.	WEST CARLETON TWP. ON	
CA	WEST CARLETON TOWNSHIP	R.R.#5(CARP RD.),S-WATER MGT.	WEST CARLETON TWP. ON	
CA	Morgan's Grant Subdivision Phase 6, 7 & 8	Lot 10, Concession 3	Ottawa ON	
CA		Lot 10 and 11, Concession 2	Ottawa ON	
CA	Morgan's Grant Subdivision Phase 9	Lot 10, Concession 3	Ottawa ON	
CA	Morgan's Grant Subdivision Phase 9	Lot 10, Concession 3	Ottawa ON	
ECA	City of Ottawa	Lot 10, Concession 2	Ottawa ON	K1P 1J1
LIMO		Lot 10 Concession 3 Ottawa	ON	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
SPL	TRANSPORT TRUCK	CARP RD. TRANSPORT TRUCK (CARGO)	WEST CARLETON TOWNSHIP ON	
SPL	ONTARIO HYDRO	LOT 10, CONC 2 TRANSFORMER	WEST CARLETON TOWNSHIP ON	
SPL	UNKNOWN	VILLAGE OF CARP CARP ROAD	WEST CARLETON TOWNSHIP ON	
WWIS		lot 10	ON	

Unplottable Report

Site: *Lot 9 Con 2 West Carleton ON*

Database: AAGR

Type:	Pit
Region/County:	Ottawa-Carleton
Township:	West Carleton
Concession:	2
Lot:	9
Size (ha):	
Landuse:	
Comments:	rehabilitated

Site: *Morgan's Grant Subdivision Phase 6, 7 & 8*
Lot 10, Concession 3 Ottawa ON

Database: CA

Certificate #:	8414-53CPMC
Application Year:	01
Issue Date:	10/11/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	Construction of Watermains for Residential Development in Morgan's Grant Subdivision Phase 6, 7 & 8.
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*
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: ***Morgan's Grant Subdivision Phase 6, 7 & 8***
Lot 10, Concession 3 Ottawa ON

Database: ***CA***

Certificate #: 8761-53CPYZ
Application Year: 01
Issue Date: 10/11/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Construction of Storm and Sanitary Sewers for Residential Development Morgan's Grant Subdivision Phase 6, 7, & 8
Contaminants:
Emission Control:

Site:
Lot 10 and 11, Concession 2 Ottawa ON

Database: ***CA***

Certificate #: 2621-4WHPVP
Application Year: 01
Issue Date: 5/14/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Monarch Construction Limited
Client Address: 3584 Jockvale Road
Client City: Nepean
Client Postal Code: K2C 3H2
Project Description: Watermain Construction
Contaminants:
Emission Control:

Site: ***Morgan's Grant Subdivision Phase 9***
Lot 10, Concession 3 Ottawa ON

Database: ***CA***

Certificate #: 1411-4UMSZM
Application Year: 01
Issue Date: 3/10/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Minto Developments Inc.
Client Address: 427 Laurier Avenue West, Suite 300
Client City: Ottawa
Client Postal Code: K1R 7Y2
Project Description: Installation of watermains on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
Contaminants:
Emission Control:

Site: ***Morgan's Grant Subdivision Phase 9***
Lot 10, Concession 3 Ottawa ON

Database: ***CA***

Certificate #:	0828-4UMQX6
Application Year:	01
Issue Date:	3/10/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	Installation of storm and sanitary sewers in Morgan's Grant Subdivision Phase 9, on Klondike Road, Piekoff Crescent, Wallsend Avenue and Rayburn Street.
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Lot 10, Concession 2 Ottawa ON K1P 1J1

Database: ***ECA***

Approval No:	5280-96KNG8	***MOE District:***	
Approval Date:	2013-04-30	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	City of Ottawa
Address:	Lot 10, Concession 2
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0810-8ZFJSZ-14.pdf
PDF Site Location:	

Site:
Lot 10 Concession 3 Ottawa ON

Database: ***LIMO***

ECA/Instrument No:	X9015	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:	Historic and Closed Landfills	***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:			
Site Location Details:	Lot 10 Concession 3		

Ottawa

Service Area:
Page URL:

Site: ***ULTRAMAR LTÉE***
OTTAWA OTTAWA ON

Database: ***RST***

Headcode: 924800
Headcode Desc: Oils-Fuel
Phone: 6137275200
List Name:
Description:

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

Database: ***SPL***

Ref No:	67418	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/26/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20613
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/26/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: LAIDLAW ENVIRONMENTAL: 315 L ANTIFREEZE TO GRND FROM TRANSPORT TRUCK.
Contaminant Qty:

Site: ***ONTARIO HYDRO***
LOT 10, CONC 2 TRANSFORMER WEST CARLETON TOWNSHIP ON

Database: ***SPL***

Ref No:	129593	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/23/1996	***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:	POSSIBLE	***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:	7/23/1996	***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:60L NON-PCBTRANSFORMER OIL TO GROUND.		
Contaminant Qty:			

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

Database: ***SPL***

Ref No:	106528	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/18/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20613
Nature of Impact:	Multi Media Pollution	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/18/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDROCARBONS SEEPING FROMGROUND INTO DITCH		
Contaminant Qty:			

Site:
lot 10 ON

Database: ***WWIS***

Well ID:	1535825	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	9/29/2005
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	6907
Casing Material:		***Form Version:***	3
Audit No:	Z17653	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11316364	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 22-Sep-2005 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932997254
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932997253
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961535825
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11331219
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 11345704

Pump Set At:	75.0
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Sep 30, 2021

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jan 2022

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Mar 31, 2022

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Feb 28, 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 - Mar 31, 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- Feb 28, 2022

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Nov 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Feb 28, 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- 28 Feb 2022

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 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-Feb 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Feb 28, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Sep 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX F

Technical Standards & Safety Authority Response

RE: 2885 Carp Road TSSA Search

Public Information Services <publicinformationservices@tssa.org>

Thu 3/31/2022 1:09 PM

To: Connor Shaw <connor.shaw@gemtec.ca>

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

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any **elevating devices** at the subject address(es).
- We confirm that there are no records in our database of any **boilers/pressure vessels** at the subject address(es).
- We confirm that there are no records in our database of any **fuel storage tanks** at the subject address(es).

For copies of documents, please complete the Release of Public Information form, found at https://www.tssa.org/en/about-tssa/resources/Release-of-Records-form--Jan-2018Final.pdf and email the completed form to publicinformationservices@tssa.org along with the appropriate fee. TSSA's fee schedule can be found at: https://www.tssa.org/en/about-tssa/resources/Documents/Public-Information-Fee-Schedule_Jan_2018.pdf. Fees are payable with a credit card (Visa or MasterCard).

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

Kind regards,

Sherees

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

From: Connor Shaw <connor.shaw@gemtec.ca>
Sent: March 31, 2022 11:01 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: 2885 Carp Road TSSA Search

Good afternoon,

I would like to know if there are any underground fuel storage tanks, aboveground fuel storage tanks, hoists or elevators for the properties located at:

2825-2962 Carp Road

290-430 West Lake Cir

500-548 Osmond Daley Drive

101 Arbourbrook Boulevard

All properties are located in Carp, Ontario.

Thanks,

Connor Shaw

Connor Shaw, B.Eng
Environmental Scientist
Ottawa, ON
mobile 613-585-3121

APPENDIX G

Aerial Photographs

HISTORICAL AERIALS

Project Property:	P101688.002 2885 Carp Road Carp ON K0A 1L0
Project No:	
Requested By:	GEMTEC Consulting Engineers and Scientists Limited (Ontario)
Order No:	22041200122
Date Completed:	April 12, 2022

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

Decade	Year	Image Scale	Source
1930	Not Available		
1940	1945	15000	NAPL
1950	1955	35000	NAPL
1960	1963	12000	NAPL

0 0.125 0.25 0.5
Kilometers

Order Number: 22041200122

Year: 1945
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5 Kilometers

Order Number: 22041200122

Year: 1955
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22041200122

Year: 1963
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

APPENDIX H

Site Photographs

Photograph 1 – View of the Site from Carp Road, looking southwest along the northwest property boundary.

Photograph 2 – View across the northeast portion of the Site looking southwest.

Photograph 3 – View of the Site looking northeast from the southwest boundary.

Photograph 4 – Fill material present on the southwest portion of the Site.

GEMTEC Consulting Engineers and Scientists	Project Phase One Environmental Site Assessment 2885 Carp Road Carp, Ontario	**Appendix H** File No. 101688.002	**Site Photographs**

Photograph 5 – Two aboveground storage tanks along the southeast property boundary of Site.

Photograph 6 – Potable well located west of the on-site office building near the northwest property boundary.

experience • knowledge • integrity

civil	civil
geotechnical	géotechnique
environmental	environnementale
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

expérience • connaissance • intégrité