

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ON



Project No.: OCP-19-0125

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Executive Summary

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Bekim Qosa to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 1037 Carp Road in Stittsville, Ontario ('the Site'). The Site is currently vacant and undeveloped land.

It is understood that this Phase One ESA is being completed as a component of the City of Ottawa Site Plan submission process, in support of an application to develop the Site with an office facility.

The Phase One ESA has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 as amended. The report is also in general compliance with "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, reaffirmed 2016.

Based on a review of aerial photographs, historical information, and interviews, the Site has always remained a vacant undeveloped property.

Three Potentially Contaminating Activities (PCAs) were identified within 250 m of the Site (as summarized in Table 7 of this report). However, due to the down-gradient location and the separation distance from the Site, these PCAs are not considered to represent Areas of Potentially Environmental Concern (APECs) on the subject Site. Therefore, a Phase Two ESA is **not** recommended for the Site.

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1.0 INTRODUCTION

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Bekim Qosa to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 1037 Carp Avenue, Stittsville, Ontario ('the Site'). The Site is bounded to the north and east by residential dwellings, to the south by Carp Road and to the west by a commercial business. The Site currently consists of vacant undeveloped land. The site is mostly treed with a small gravel driveway at the entrance.

It is understood that this Phase One ESA is being completed as a component of the City of Ottawa site plan submission process, in support of an application to develop the Site with an office facility.

The Site location is shown on Figure 1 (Site Location). The Site layout and features, including on-Site land use, are shown on Figure 2 (Site Layout).

The intended future use of the Site will be commercial.

1.1 Phase One Property Information

The Site is zoned as General Mixed Use Zone, which is described under section 187-188 of the City of Ottawa Zoning By-law. This zoning permits the future land use at the Site.

The total area of the Site is approximately 0.27 hectares (ha).

1.1.1 Property Identification

The legal description of the Site is as follows:

1037 Carp Road: PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075 ; GOULBOURN, PIN 044870356

1.1.2 Property Ownership and Contact Details

McIntosh Perry was retained by Bekim Qosa, current owner of the property, to complete this Phase One ESA. McIntosh Perry's site contact person for the Site is Bekim Qosa. Bekim can be contacted at 613-301-7058 or by email at hqmanagementgroup@gmail.com.

1.1.3 Current and Proposed Future Uses

The Site is currently vacant undeveloped land, mostly occupied by trees and a small gravel driveway. The future use of the Site will become commercial and consist of an office facility.

1.2 Surrounding Land Use

Land use in the vicinity of the Site is predominantly residential, although commercial, community (including roadways) are also noted within the Phase One Study Area.

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site, based on a desktop review of available documentation pertaining to the site and observations made during a site visit. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

The Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- Ontario Regulation (O. Reg.) 153/04 - Records of Site Condition (as amended).

The report is also in general compliance with:

- “Phase One Environmental Site Assessment”, Canadian Standards Association (CSA) standard CSA Z768-01, Reaffirmed 2016.

The subject property is not an ‘Enhanced Investigation Property’ as defined in O.Reg. 153/04 (as amended).

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area includes the following properties:

- The Site
- All properties within approximately 250 m of the Site boundary (Phase One Study Area)

The Phase One ESA Study Area, including surrounding land uses, is shown on Figure 3 & 4 (Study Area & Surrounding Land Use respectively).

3.1.2 First Developed Use Determination

The Site currently exists as vacant undeveloped land consisting of trees and mixed vegetation.

Based on a review of aerial photographs and historical information, the Site has never been developed.

3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans (FIPs) was searched as part of this Phase One ESA. No records were found for the Site. FIPs are included in Appendix A.

3.1.4 Chain of Title

No Chain of Title search was conducted as part of this report

3.1.5 Reports by Others

No reports by others were available for review.

3.1.6 City Directories

City directory listings for the Site and adjacent properties were searched by ERIS of Toronto, Ontario. Directories were searched in approximate 5-year intervals, dating back to 1992. City directory search records are provided in Appendix A.

Based on the directories, there are no listings for the Site as it has never been developed.

City directories for surrounding properties did not identify any Potentially Contaminating Activities.

3.2 Environmental Source Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

3.2.1 Databases Searched

McIntosh Perry obtained information contained in the databases listed below from ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the ERIS report which is included as Appendix B.

Federal Government Databases:

- Environmental Effects Monitoring
- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Fisheries & Oceans Fuel Tanks
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defence & Canadian Forces Fuel Tanks
- National Defence & Canadian Forces Spills
- National Defence & Canadian Forces Waste Disposal Sites
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Certificates of Approval
- Coal Gasification Plants
- Compliance and Convictions
- Drill Holes
- Environmental Registry
- Ontario Regulation 347 Waste Generators Summary
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Ontario Inventory of PCB Storage Sites
- Ministry Orders
- Occurrence Reporting Information System
- Pesticide Register

- Private Fuel Storage Tanks
- Ontario Regulation 347 Waste Receivers Summary
- Record of Site Condition
- Wastewater Discharger Registration Database
- Waste Disposal Sites – MOE CA Inventory
- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

Private Databases:

- Anderson’s Waste Disposal Sites
- Automobile Wrecking and Supplies
- Commercial Fuel Oil Tanks
- Chemical Register
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper
- Retail Fuel Storage Tanks
- Scott’s Manufacturing Directory
- Anderson’s Storage Tanks

3.2.2 Database Findings Relevant to the Phase One ESA

The databases searched by ERIS contained the following information pertaining to the Site:

- Three (3) Borehole Records
- One (1) Environmental Activity and Sector Registry Record
- One (1) ERIS Historical Search
- Eighteen (18) Ontario Regulation 347 Waste Generator Records
- Five (5) Pesticide Register Records
- Two (2) Private and Retail Fuel Storage Tank Records
- Two (2) Scott’s Manufacturing Directory Records
- Twelve (12) Water Well Information System Records

Relevant information from the ERIS report is summarized as follows:

Borehole Records

Three (3) Borehole records were found within 250 m of the subject site. No records were found for the subject property. Borehole records are summarized in the table below:

Table 1: Borehole Records

Borehole ID	Use	Overburden and Bedrock Materials	Completion Date
609568	N/A	Gravel and sand underlain by shale and limestone	June 1963
609572	N/A	Gravel and sand underlain by limestone	N/A
609570	N/A	Shale underlain by limestone	September 1962

Locations of the Borehole Records can be found in the ERIS report in Appendix B.

Environmental Activity and Sector Registry

One (1) Environmental Activity and Sector Registry result was found within 250 m of the subject property. The record was located at 1054 Carp Road, listed under Thomas Cavanagh Construction Limited for a registered water taking – construction dewatering project.

The Environmental Activity and Sector Registry result can be found in the ERIS report in Appendix B.

ERIS Historical Searches

One (1) ERIS Historical Search record was found within 250 m of the subject Site. No records were found for the subject property. An ERIS Standard Report was received on March 19, 2018 for a property located at 123 Echowoods Avenue. No other information was available under this record.

The ERIS Historical Search Record can be found in the ERIS report in Appendix B.

Ontario Regulation 347 Waste Generators

Eighteen (18) Ontario Regulation 347 Waste Generator records were found within 250 m of the subject property. No records were found for the Site. All of the records were for two different properties. The records are summarized in Table below:

Table 2: Ontario Regulation 347 Waste Generators:

Company	Address	Waste Description	Approval Years
Kodiak Snowblowing and Lawncare Inc.	1017B Carp Road	Waste oils/sludges, waste crankcase oils and lubricants	2018, 2020
		Waste oils and lubricants	2013-2016
		Commercial and Industrial Machinery and Equipment (except	2012

Company	Address	Waste Description	Approval Years
		automotive and electronic) repair and maintenance	
Carp Road Animal Hospital	1054 Carp Road	Photoprocessing wastes, pathological wastes, pharmaceuticals	2009-2016
		Pharmaceuticals, pathological wastes	2018, 2020
		Photoprocessing wastes, pathological wastes	1993-2008

Due to the down-gradient location or separation distance from the Site and nature of the wastes, these records are not considered to represent an APEC to the Site. Locations of all Ontario Regulation 347 Waste Generators can be found in the ERIS report in Appendix B.

Pesticide Register

Five (5) Pesticide Register Records were found within 250 m of the subject property. No records were returned for the Site. The records classified as Vendor Licences were listed under Horse World Inc. located at 1017 Carp Road. More information can be found in the ERIS report in Appendix B.

Private and Retail Fuel Storage Tanks

Two (2) Private and Retail Fuel Storage Tank records were reported within 250 m of the subject property. No records were returned for the Site. The records were both listed under Apos Convenience LTD located at 1000 Carp Road for expired retail tanks. The capacity of each tank was not provided in the records. The Private and Retail Fuel Storage Tank Records can be found in the ERIS report in Appendix B.

Scott's Manufacturing Directory

Two (2) Scott's Manufacturing Directory Records were found within 250 m of the subject property, no records were found on the subject property. The records are summarized in Table 3 below:

Table 3: Scott's Manufacturing Directory:

Company	Location	Description	Year Established
Mementos Unlimited Inc.	1027 Carp Road	Other Printing, Sign Manufacturing, Coating, Engraving, Heat Treating and Allied Activities, All Other Miscellaneous Manufacturing,	1987

Company	Location	Description	Year Established
		Clothing Accessories and Other Clothing Manufacturing	
		Automotive Trimming, Apparel Findings, and Related Products, Commercial Printing, Not Elsewhere Classified, Coating, Engraving and Allied Services, Manufacturing Industries	25-Nov-2013

The records can be found in the ERIS report in Appendix B.

Water Well Information System

Twelve (12) well records were found for properties within 250 metres of the Study Area. No records were found for the Site. The table below summarizes the details of each well.

Table 4: Water Well Information System:

Well ID	Completion Material	Depth to Bedrock (m bgs)	Bedrock Type	Well Depth (m bgs)	Well Use	Static Water Level (m bgs)	Clear/ Cloudy	Water Type
1502952	Bedrock	11.58	Sandstone	17.68	Domestic	4.27	Clear	Fresh
1502956	Bedrock	12.50	Limestone	24.38	Domestic	4.57	Clear	Fresh
1502945	Bedrock	9.14	Limestone	22.86	Domestic	4.57	Clear	Fresh
1515752	Bedrock	12.50	Limestone	37.49	Domestic	3.05	Clear	Sulphur
1502958	Bedrock	3.05	Shale	22.86	Domestic	4.88	Clear	Fresh
1514493	Overburden	-	-	9.45	Domestic	3.66	Cloudy	Fresh
1515281	Bedrock	16.46	Limestone	25.91	Domestic	6.71	Clear	Fresh
1514315	Overburden	-	-	10.06	Domestic	3.05	Clear	Fresh
1515305	Bedrock	10.36	Limestone	29.57	Domestic	4.57	Cloudy	Sulphur
1503049	Bedrock	13.72	Limestone	27.43	Domestic	4.88	Clear	Fresh
1535454	Bedrock	14.62	Limestone	83.2	Domestic	6.20	Clear	-
1502957	Overburden below Bedrock	0	Shale	9.75	Domestic	2.44	Clear	Fresh

Locations of the Water Well Information records can be found in Appendix B.

3.2.3 MECP Freedom of Information Request

In order to identify any previous environmental reports concerning the subject property, a MECP Freedom of Information (FOI) request and a MECP Index Review Report request were submitted to the Local District Office for the Site by McIntosh Perry, on September 24, 2020 (the regular turn around time is one to two months).

At the time of the report writing no response was received from the MECP FOI office. If relevant information is received, this information will be provided under a separate cover.

No landfill sites were located within 250 m of the Site. The West Carleton Landfill located at 2301 Carp Road is approximately 2 km northwest of the Site. Groundwater flow is expected to be cross-gradient from the Site and therefore not considered an environmental concern. Additionally, no previous Records of Site Condition were identified for the Site (Ontario Ministry of the Environment, Conservation and Parks, Small Landfill Sites; Large Landfill Sites).

A copy of the MECP FOI searches, as well as the Index Review Report are provided in Appendix C.

3.2.4 TSSA Information Request

An FOI request was submitted to the Technical Standards and Safety Authority (TSSA) on September 25, 2020. A response was received on September 25, 2020 in which TSSA did not return or identify any records in their database in regard to fuel tanks on the Site.

A copy of the TSSA response is provided in Appendix C.

3.2.5 Historic Land Use Inventory (HLUI) Request

A Historic Land Use Inventory (HLUI) request was submitted to the City of Ottawa to determine historic land uses for the property located at 1037 Carp Road, Stittsville, Ontario.

The HLUI request was submitted on September 28, 2020. A response from the HLUI search has not yet been received. If relevant information is received, this information will be provided under a separate cover.

4.0 PHYSICAL SETTING

4.1 Aerial Photographs and Satellite Images

Table 5 describes observations about current and historical land use for the Site and surrounding properties that were noted during review of aerial photographs of the area taken between 1932 and 2017, included in Appendix D. Current land uses are included on Figure 4.

Table 5: Current and Historical Land Use from Aerial Photographs and Satellite Images		
Date	Source	Observations
1932	ERIS	The Site appears to be undeveloped vacant land. Carp Road and Rothbourne Road have been constructed and the surrounding area appears to be mostly agricultural and forested land.
1955	ERIS	The Site remains undeveloped vacant land. Developed areas to the north and west of the Site are evident.
1976	GeoOttawa	The property northwest of the Site and the residential area north of Rothbourne Road are developed. The remaining land use surrounding the Site to the north and east appears to be undeveloped.
1991	GeoOttawa	The Site remains unchanged since 1976. The property to the east of the Site appears to be developed. Construction has commenced to the south of the Site on the opposite side of Carp Road. The construction of Lloydalex Crescent is evident to the north of the Site.
2002	GeoOttawa	The Site remains unchanged since 1991. Residential properties are developed south of the Site on the opposite side of Carp Road. Further residential development is observed southeast of the Site along Carp Road. The trees and vegetation have been cleared to the north of the Site.
2017	GeoOttawa	The Site and surrounding area resembles its current configuration. Further residential development is evident to the north, east and south of the Site.

Based on the aerial photos, no past or current PCAs were identified on the Site or surrounding properties.

4.2 Topography

Elevation at the Site ranges from approximately 134 m above sea level (m asl). The topography is generally flat, with a slight slope in a east-west direction (see Figure 5).

4.3 Hydrology

The Site occurs within the Carp River watershed. A storm water pond is located approximately 147 m south of the Site, at its closest point. Site drainage consists primarily of sheet flow to storm drains along Carp Road, with some infiltration interpreted to occur in areas of permeable ground surface.

4.4 Geology

4.4.1 Surficial Geology

Geological maps of the area classify the overburden at the Site as river deposits and delta topset facies (OGS, 2019).

4.4.2 Bedrock Geology

Geological maps of the area classify the bedrock under the Site as predominantly limestone, dolostone, shale, arkose, sandstone, of the Ottawa Group; Simcoe Group; Shadow Lake Formation (OGS, 2019).

4.5 Hydrogeology

The subject property is located within the Carp River watershed. On a local and regional scale, groundwater likely flows north towards the Carp River, which is located approximately 3.8 km northeast of the Site.

4.6 Water Bodies and Areas of Natural Significance

Based on maps of the area an unnamed tributary of the Carp River appears to be present approximately 90 m southeast of the Site, there was no evidence of this during the Site visit. The closest permanent waterbody is a storm water pond (located 135 m east of the Site, at closest point).

When completing a Phase One ESA, considerations are made for the following MNRF-maintained areas of natural significance:

- Areas of Natural and Scientific Interest (ANSIs);
- Provincially Significant Wetlands (PSWs); and,
- Wildlife Management Areas (WMAs).

No areas of natural significance were observed within the Study Area. An unevaluated wetland is observed 125 m southwest of the Site. Figure 4 includes MNRF-maintained areas of natural significance, if applicable, located on or within the Site property and study area.

4.7 Well Records

McIntosh Perry performed a well record search utilizing the ERIS Water Well Information System (WWIS) data (based on MECP GIS data) within 250 m of the subject Site. Twelve (12) well records were returned. Details of these wells can be found in the 'Water Well Information System' under Section 3.2.

5.0 INTERVIEWS

McIntosh Perry personnel conducted an interview with Bekim Qosa, current owner of the Site, to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. Information collected during this interview was used to corroborate data from other sources, and is presented in Appendix E.

The information obtained from the interview is summarized as follows:

Table 6: Interview Records	
Potential Environmental Concerns	Interview Comments
Accidents/Spills	Not aware of any
Previous Use of Site	Forested
Adjacent Properties	Residential, commercial
Fuel Handling/Storage	None
Maintenance/Operational Areas	None
Hazardous Materials Storage	None
Salt Storage	None
Fuel Storage Tanks	None
Odours	None
Potable Water	None
Septic and Wastewater Discharges	None
Pesticides	None
Mould	None
Heating and Cooling Systems	None
Major Mechanical Equipment	None
Waste Oils, Solvents, Batteries	None
PCBs	None
Asbestos	None
Lead Paint	None
ODS	None
Electromagnetic Radiation	None
UFFI	None
Mercury	None
Radon Gas	None
Soil and Groundwater Conditions	N/A
Wells	None
Waste Disposal and Recycling	None
Fill Material	None
Other	None

Note that statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the subject property. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

6.0 SITE RECONNAISSANCE

The objectives of the site reconnaissance were as follows:

- To identify potential environmental concerns associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in, or under the Site;
- To identify, as practical, current and past uses, activities, and PCAs in the vicinity of the Site; and
- To identify details of potential contaminant pathways on, in, or under the Site and potential environmental concerns and contaminants of potential concern.

McIntosh Perry had open and ready access to the Site during the Site visit. The ground was comprised of wood chips from cutdown trees, crushed rock, vegetation, and native soil.

6.1 General Requirements

McIntosh Perry conducted the Site reconnaissance on September 23, 2020 (from approximately 10:00 am to 10:30 am). Stefan Holik of McIntosh Perry inspected all areas of the Site and observed other properties in the Study Area from publicly accessible locations.

6.1.1 Qualifications of the Assessors

Field assessment and reporting was completed by Stefan Holik, Environmental Diploma., of McIntosh Perry. Stefan has successfully completed numerous of Phase I/One and II/Two ESAs for residential, commercial, and institutional properties across Ontario.

Senior review was conducted by Meghan Coyle, P.Geo. of McIntosh Perry. Meghan is a is an Ontario licensed Professional Geoscientist and a Qualified Person (QP) under O.Reg. 153/04, as amended, and has completed numerous Phase I/One and II/Two ESAs for residential, commercial, and institutional properties across Ontario.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and the Professional Geoscientists of Ontario (PGO) and is a full member of the Consulting Engineers of Ontario (CEO).

6.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the Site visit were sunny with a temperature of approximately 17 degrees Celsius.

6.1.3 Property Occupancy/Use Status at Time of Inspection

The property is currently vacant undeveloped land comprised of trees and mixed vegetation. A small gravel driveway was observed at the entrance of the Site. Immediately surrounding the Site are residential and commercial buildings to the north, east and west and Carp Road to the south. Land use in the vicinity is shown on Figure 3.

6.1.4 Site Photographs

Photographs of the Site are included in Appendix F. A brief description is included with each photograph, including location and orientation where applicable.

6.2 Description of Investigations

The Phase One ESA component of the current investigation is a preliminary environmental screening that aims to provide a qualitative assessment of the environmental condition of the Site based on a review of available information pertaining to the Site, observations made during a Site visit, and information from interviews with people who have knowledge of the Site and its history.

The Phase One portion of the current investigation includes the following components:

- A review of available background information;
- Interviews with person(s) knowledgeable about the site;
- Site reconnaissance; and
- Freedom of information requests (Ministry of the Environment, Conservation and Parks (MECP)) and the Technical Standards and Safety Authority (TSSA))

6.2.1 Phase One Property

The Site is currently vacant undeveloped land. The Site is zoned as General Mixed Use Zone, which is described under section 187-188 of the City of Ottawa Zoning By-law. This zoning permits the current land use at the Site. Selected photographs are included in Appendix F.

6.2.2 Phase One Study Area

The Study Area consists of the Site and all properties within 250 m of the Site. The study area primarily consists of residential dwellings.

6.3 Specific Observations at the Phase One Property

6.3.1 Structures and Other Improvements

The Site is currently undeveloped and consists of trees and mixed vegetation.

6.3.2 Below Ground Structures

No below ground structures were specified during the background review of this Site.

6.3.3 Storage Tanks

No storage tanks were observed during the time of the Site visit.

6.3.4 Hazardous Materials

No hazardous materials were observed during the time of the Site visit.

6.3.5 Potable and Non-Potable Water Sources

The property is vacant and does not currently have any services. Properties in the area are municipally serviced.

6.3.6 Underground Service Trenches

Currently there are no existing underground services at the Site.

6.3.7 Exit and Entry Points

All exit and entry points to the Site were inspected. No concerns were identified. A small driveway is present and constructed of crushed aggregate material.

6.3.8 Existing and Former Heating Systems

There were no heating systems observed during the Site visit.

6.3.9 Cooling Systems

No cooling systems were observed at the Site.

6.3.10 Drains, Pits, and Sumps

No drains, pits or sumps were observed at the Site.

6.3.11 Unidentified Substances

No unidentified substances were observed at the Site.

6.3.12 Stains and/or Corrosion Near Drains, Pits, and Sumps

No staining was observed at the Site.

6.3.13 Well Details

No wells were observed at the Site.

6.3.14 Details of Sewage Works

There are currently no sewage works on Site. It will be municipally serviced once the offices are constructed.

6.3.15 Ground Surface Details

The ground surface at the Site consisted of rock, soil, trees, and mixed vegetation.

6.3.16 Current and Former Railway Lines

None present within the Study Area.

6.3.17 Staining to Soil, Vegetation, or Pavement

No staining was observed at the Site.

6.3.18 Stressed Vegetation

No stressed vegetation was observed during the Site visit.

6.3.19 Fill and Debris

Crushed rock/aggregate was observed during the Site visit that was reportedly present before the client had acquired the Site. Wood chips from cutdown trees were also present during the Site visit.

6.3.20 Mould

No mould was observed at the Site.

7.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, evaluation and an interpretation of the information from the records review, interviews and site reconnaissance. The city directory search is included in Appendix A – Additional Information.

7.1 Current and Past Uses of Phase One Property

The Site is currently and appears to have always been undeveloped vacant land comprising of trees and mixed vegetation.

7.2 Potentially Contaminating Activities

The following off-site PCAs were identified in the Phase One ESA Study Area. The PCAs are presented on Figure 5, corresponding to the numbers listed below.

Table 7: Potentially Contaminating Activities						
No.	Potential Contaminating Activity (PCA)	Location of PCA	Proximity of PCA to Phase One ESA Property	Time Frame Associated with PCA	Information Source	Does the PCA warrant an area of potential environmental concern (APEC)
1	Ontario Regulation 347 Waste Generator (see Table 4 for details)	1017B Carp Road	91.82 m west, northwest	Historic and Current	ERIS	No - due to separation distance and cross-gradient location from Site
2	Ontario Regulation 347 Waste Generator (see Table 4 for details)	1054 Carp Road	Approximately 277 metres northwest	Historic and Current	ERIS	No - due to separation distance and the nature of the wastes
3	Private and Retail Fuel Storage Tanks	1000 Carp Road	135.20 m west	Historic	ERIS	No - due to separation distance and cross-gradient location from Site

Based on the nature of these records, the distance and cross-gradient locations from the Site, these off-site PCAs are not considered to result in APECs at the Site

7.3 Areas of Potential Environmental Concern (APEC)

No APECs were identified on the Phase One ESA property or within the Phase One Study Area.

8.0 CONCLUSIONS

Three PCAs were identified within the Phase One ESA study area. Due to the nature of the records, cross gradient location and separation from the Site these off-site PCAs are not considered to result in APECs at the Site.

8.1 Is a Phase 2 ESA Required?

Based on the absence of any APECs, a Phase Two ESA is *not recommended for this Site*.

9.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by, McIntosh Perry Consulting Engineers Ltd. for Bekim Qosa. It is intended for the sole and exclusive use of Carmen Bekim Qosa. The report may not be relied upon by any other person or entity without the express written consent of McIntosh Perry Consulting Engineers Ltd. (in the form of a Reliance Letter).

Any use which a third party makes of this report, or any reliance on decisions made based on it, without a Reliance Letter are the responsibility of such third parties. McIntosh Perry Consulting Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Some of the information presented in this report was provided through maps, air photographs, and environmental reports. While attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., has, in certain instances, been required to assume that the information provided is accurate.

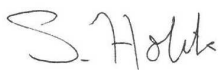
The conclusions presented represent the best professional judgment of the assessor based on current environmental standards and on the Site conditions observed during the site inspection on September 23, 2020. A walkthrough of the vacant Site was conducted and surrounding properties were observed from publicly assessed areas. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should additional information become available, McIntosh Perry Consulting Engineers Ltd. requests that this information be brought to our attention so that we may re-assess the conclusions presented herein.

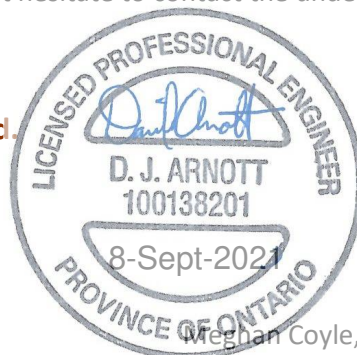
We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry Consulting Engineers Ltd.



Stefan Holik, Environmental Diploma
Environmental Technician


FOR

MEGHAN COYLE, P.GEO., QP_{ESA}
Environmental Geoscientist

\\mcintoshperry.local\share\ottawa\01 project - proposals\2019 jobs\cp\0cp-projects\0cp-19-0125 jim bell_office buildings_1037 carp road\environmental\09 report\0cp-19-0125_phase i esa_1037_carp road_mc.5.oct.20.docx

10.0 REFERENCES

Canadian Standards Association (CSA), Z768-01: Phase I Environmental Site Assessment, CSA International, Toronto, 2001 (Updated 2003, Reaffirmed 2012).

ERIS, 2020. Site-Specific Search Report Results.

Natural Resources Canada (NRCAN), 2011. Geobase online mapping tool: Hydro Network GIS Data accessed through <<http://geobase.ca/geobase/en/viewer.jsp?group=nhn>>.

Ontario Geologic Survey (OGS), 2019 GIS Data for bedrock and surficial geology stratigraphy.

Ontario Ministry of Environment, Conservation and Parks (MECP), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

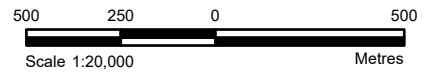
Ontario Geological Survey (OGS), 2019 – Google Earth™ (website: http://www.mndmf.gov.on.ca/mines/ogs_earth_e.asp).

Ontario Ministry of Natural Resources and Forestry, Areas of Natural and Scientific Interest, 2019.

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



FIGURES



LEGEND

- Site Location
- Waterbody
- Local Road
- Wooded Area
- Major Road
- Watercourse

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT:	BEKIM QOSA		
PROJECT:	PHASE I ESA 1037 CARP ROAD, STITTSVILLE		
TITLE:	SITE LOCATION		
PROJECT NO:	CCO-19-0125	FIGURE:	1
Date	Oct., 13, 2020		
GIS	EU		
Checked By	SH		

McINTOSH PERRY
 115 Walgreen Road, RR3, Carp, ON K0A1L0
 Tel: 613-836-2184 Fax: 613-836-3742
 www.mcintoshperry.com





Treed Area

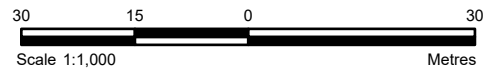
LLOYDALEX CRESCENT

CARP ROAD



LEGEND

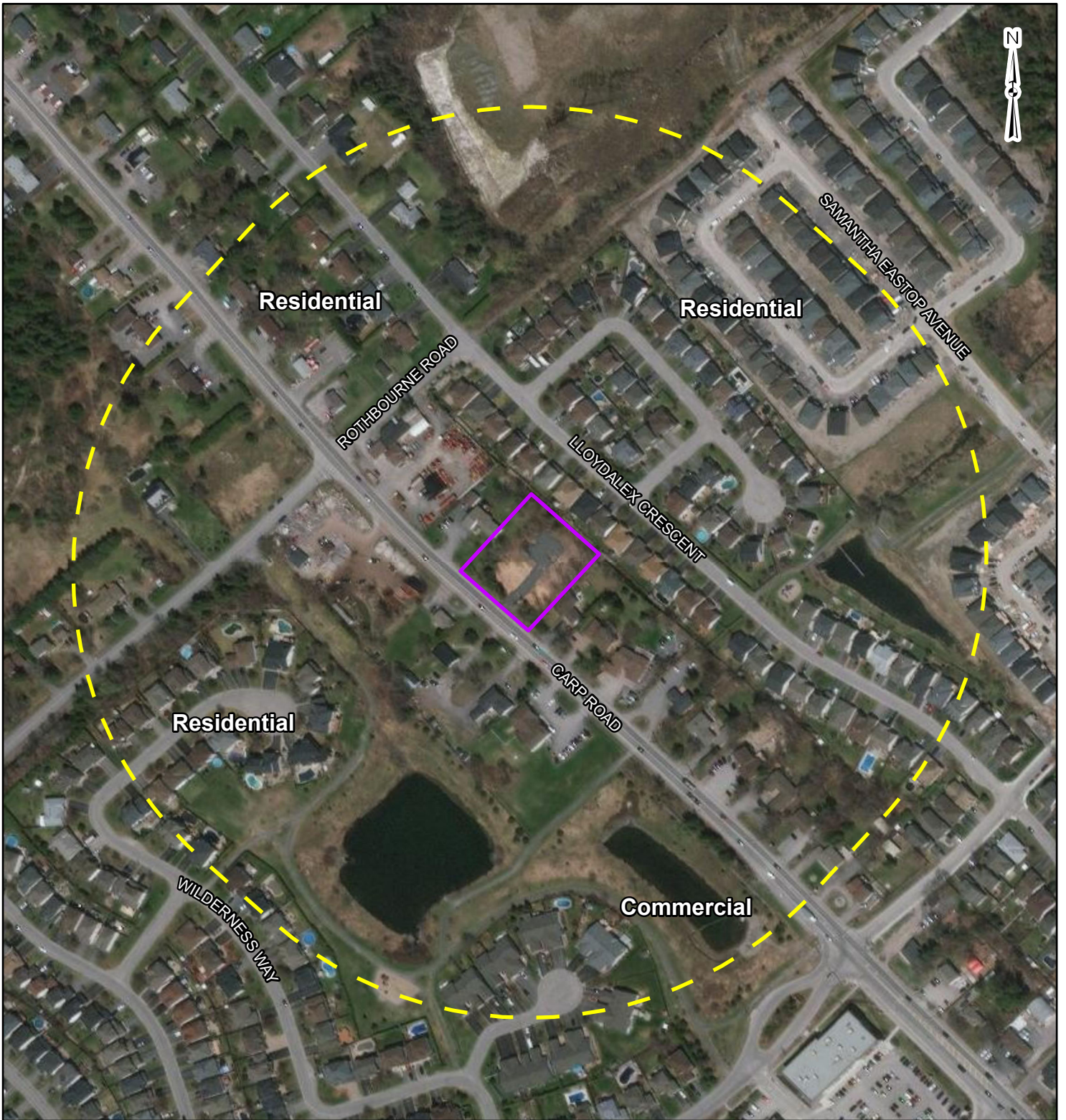
-  Approximate Site Boundary
-  Approximate Location of Gravel Driveway



REFERENCE

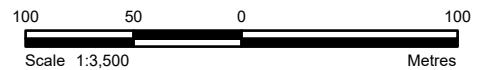
GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT:	BEKIM QOSA	
PROJECT:	PHASE I ESA 1037 CARP ROAD, STITTSVILLE	
TITLE:	SITE LAYOUT	
McINTOSH PERRY 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO: CCO-19-0125	FIGURE:
	Date	Oct., 13, 2020
	Checked By	SH
	GIS	EU
		2



LEGEND

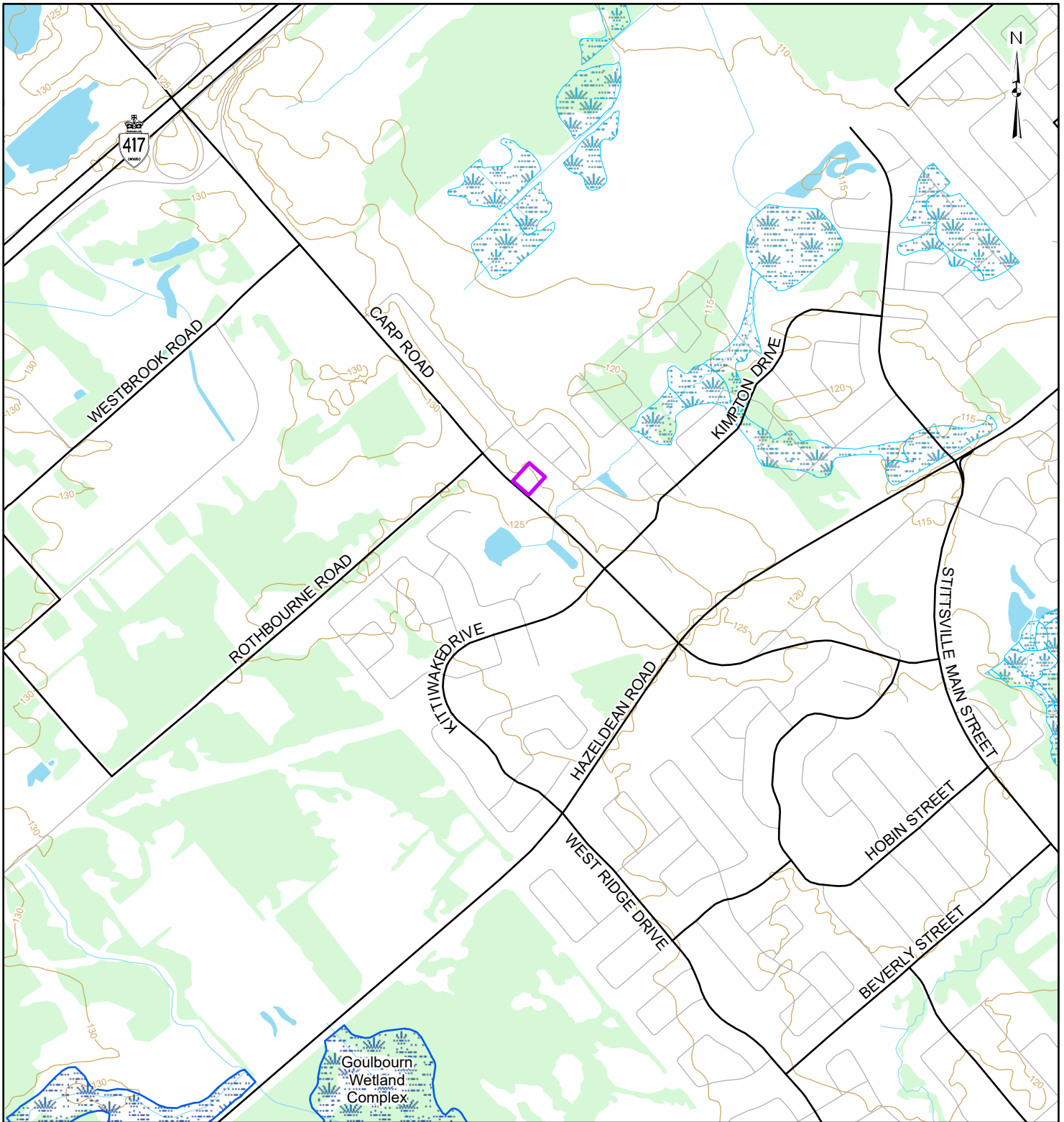
- Approximate Site Boundary
- 250m Buffer



REFERENCE

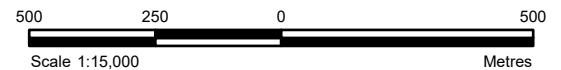
GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT:	BEKIM QOSA	
PROJECT:	PHASE I ESA 1037 CARP ROAD, STITTSVILLE	
TITLE:	STUDY AREA AND SURROUNDING LAND USE	
McINTOSH PERRY 115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	PROJECT NO: CCO-19-0125	FIGURE:
	Date	Oct., 13, 2020
	GIS	EU
	Checked By	SH
		3



LEGEND

- Approximate Site Boundary
- Contour (masl)
- Local Road
- Major Road
- Watercourse
- Waterbody
- Provincially Significant Wetland
- Unevaluated Wetland
- Wooded Area



REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT:	BEKIM QOSA		
PROJECT:	PHASE I ESA 1037 CARP ROAD, STITTSVILLE		
TITLE:	DRAINAGE AND TOPOGRAPHY		
	PROJECT NO: CCO-19-0125	FIGURE:	4
	Date	Oct., 13, 2020	
	GIS	EU	
	Checked By	SH	

McINTOSH PERRY
 115 Walgreen Road, RR3, Carp, ON K0A1L0
 Tel: 613-836-2184 Fax: 613-836-3742
 www.mcintoshperry.com

C:\Users\le.ungun\McIntosh Perry\GIS - Documents\Projects\2019\CCO\CCO-19-0125 Bekim Concrete Inc. - 1037 Carp Road\aprx\CCO-19-0125-PHASE I ESA.aprx



- LEGEND**
- Approximate Site Boundary
 - 250m Buffer
 - PCA
- 1** 1017B Carp Road
- Ontario Regulation 347 Waste Generator (see Table 4 for details)
 - 2** 1054 Carp Road
- Ontario Regulation 347 Waste Generator (see Table 4 for details)
 - 3** 1000 Carp Road
- Private and Retail Fuel Storage Tanks

REFERENCE
 GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

80 40 0 80
 Metres

Scale 1:2,500

CLIENT:	BEKIM QOSA	
PROJECT:	PHASE I ESA 1037 CARP ROAD, STITTSVILLE	
TITLE:	POTENTIALLY CONTAMINATING ACTIVITIES (PCA'S) AND AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC'S)	
McINTOSH PERRY <small>115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com</small>	PROJECT NO: CCO-19-0125	FIGURE:
	Date: Oct., 13, 2020	5
	Checked By: SH	

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDIX A – ADDITIONAL INFORMATION



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:
Stephanie

Site Address:

1037 Carp Road Stittsville ON

Project No:

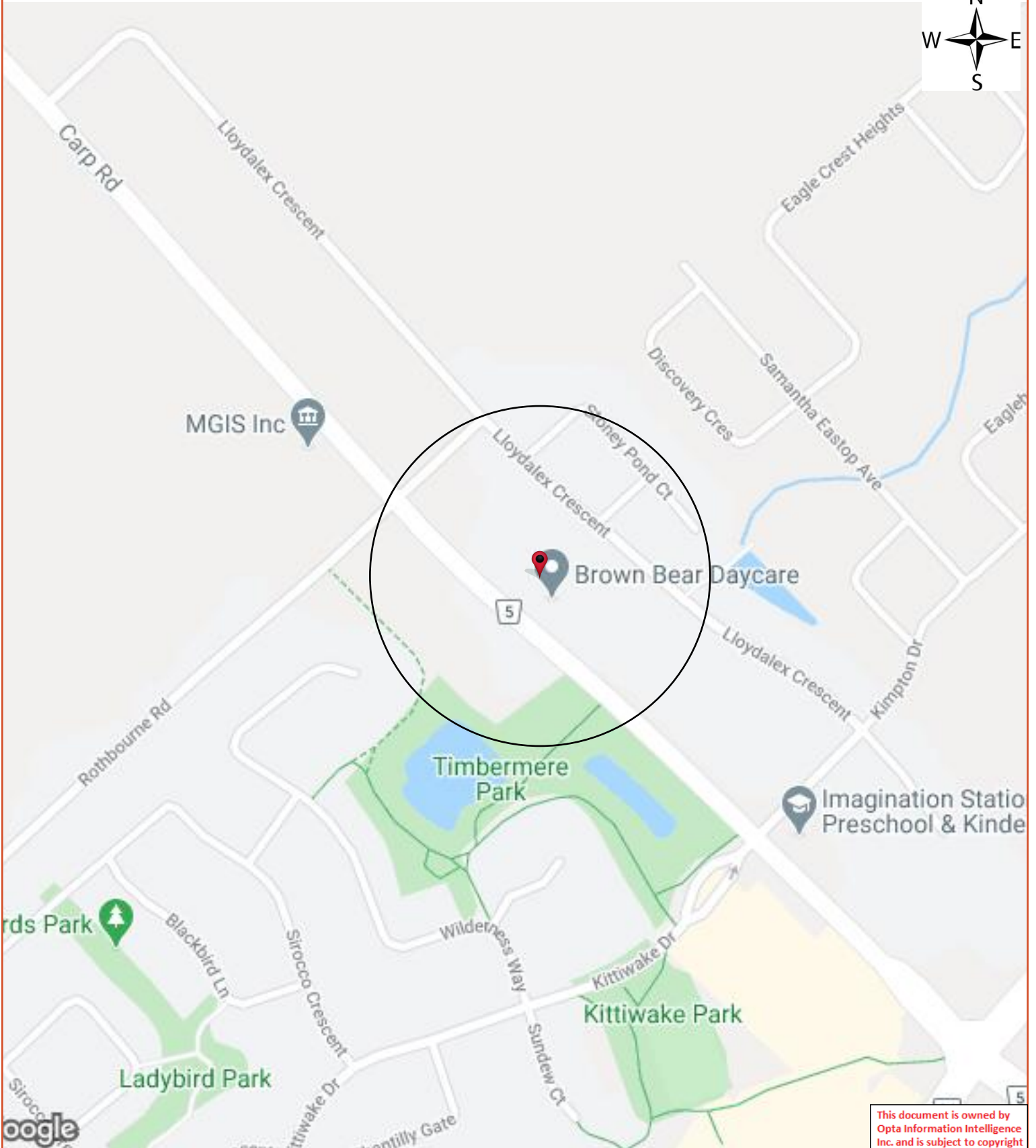
20292300098

Opta Order ID:

78227

Requested by:
**Eleanor Goolab
ERIS**

Date Completed:
9/29/2020 11:39:22 AM



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Report

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Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

No Records Found

Requested by:

Eleanor Goolab

Date Completed: 09/29/2020 11:39:22



OPTA INFORMATION INTELLIGENCE

No Records Found



ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property: *1037 Carp Road, Stittsville, Ontario*
Report Type: *City Directory*
Order No: *20292300098*
Information Source: *Vernon's Ottawa & Area, Ontario City Directory*
Date Completed: *24/09/2020*

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 & Area, Ontario City Directory

PROJECT NUMBER: 20292300098	
Site Address:	1037 Carp Road, Stittsville, Ontario
Year: 2011	
Site Listing:	-Information Inaccessible
Adjacent Properties:	
1016 Carp Road	-Earth Depot Inc.
1017 Carp Road	-House World Inc.
1027 Carp Road	-Mementos Signs Awards & Promotions -Res (1 Tenant)
1054 Carp Road	-Information Inaccessible
1079 Carp Road	-Information Inaccessible

PROJECT NUMBER: 20292300098	
------------------------------------	--

Site Address:	1037 Carp Road, Stittsville, Ontario
Year: 2006-07	
Site Listing:	-Information Inaccessible
Adjacent Properties:	
1016 Carp Road	-Earth Depot Inc.
1017 Carp Road	-House World Inc. -Res (1 Tenant)
1027 Carp Road	-Mementos Signs Awards & Promotions
1054 Carp Road	-Information Inaccessible
1079 Carp Road	-Information Inaccessible

PROJECT NUMBER: 20292300098	
Site Address:	1037 Carp Road, Stittsville, Ontario
Year: 2001-02	

Site Listing:	-Information Inaccessible
Adjacent Properties:	
1016 Carp Road	-Address Not Listed
1017 Carp Road	-House World Inc. -Stittsville Kennels -Res (2 Tenants)
1027 Carp Road	-Mementos Signs & Awards
1054 Carp Road	-Information Inaccessible
1079 Carp Road	-Information Inaccessible

PROJECT NUMBER: 20292300098	
Site Address:	1037 Carp Road, Stittsville, Ontario
Year: 1996-97	
Site Listing:	-Information Inaccessible
Adjacent Properties:	

1016 Carp Road	-Address Not Listed
1017 Carp Road	-House World Inc. -Miller's Cdn Warehouse -Stittsville Kennels -Res (2 Tenants)
1027 Carp Road	-Mementos Signs & Awards
1054 Carp Road	-Information Inaccessible
1079 Carp Road	-Information Inaccessible

PROJECT NUMBER: 20292300098	
Site Address:	1037 Carp Road, Stittsville, Ontario
Year: 1992	
Site Listing:	-Information Inaccessible
Adjacent Properties:	
1016 Carp Road	-Address Not Listed

1017 Carp Road	-Stittsville Kennels
1027 Carp Road	-Res (1 Tenant)
1054 Carp Road	-Information Inaccessible
1079 Carp Road	-Information Inaccessible

-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.

*****Stittsville, Ontario is listed from 1992 to 2011 within the city directory archives*****

*****Due to unforeseen circumstances resulting from the Covid-19 pandemic of 2020, access to information sources has been prohibited. While all additional measures were undertaken in order to provide accurate information where possible, some project searches yielded no results*****

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDIX B – ERIS REPORT

McINTOSH PERRY



DATABASE REPORT

Project Property: *Phase I ESA - 1037 Caro Road
1037 Carp Road
Stittsville ON K2S 1B9*

Project No:

Report Type: *Standard Report*

Order No: *20292300098*

Requested by: *McIntosh Perry Consulting Engineers*

Date Completed: *September 28, 2020*

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Executive Summary

Property Information:

Project Property: *Phase I ESA - 1037 Caro Road
1037 Carp Road Stittsville ON K2S 1B9*

Project No:

Coordinates:

Latitude: *45.2718599*
Longitude: *-75.9444536*
UTM Northing: *5,013,585.13*
UTM Easting: *425,915.49*
UTM Zone: *18T*

Elevation: *393 FT
119.79 M*

Order Information:

Order No: *20292300098*
Date Requested: *September 23, 2020*
Requested by: *McIntosh Perry Consulting Engineers*
Report Type: *Standard Report*

Historical/Products:

Aerial Photographs *Aerials - National Collection*
City Directory Search *CD - Subject Site plus 5 Adjacent Properties*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	3	3
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DELISTED TANK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	18	18
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	5	5
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	2	2
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	12	12
Total:			0	44	44

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	WWIS		lot 23 con 12 ON Well ID: 1502952	SW/23.5	1.08	20
2	WWIS		lot 23 con 12 ON Well ID: 1502956	WSW/23.8	1.08	22
3	WWIS		lot 23 con 12 ON Well ID: 1502945	WSW/31.0	1.13	24
4	SCT	MENTOS UNLIMITED INC	1027 CARP RD STITTSVILLE ON K2S 1B9	WNW/34.5	1.08	27
4	SCT	Mementos Unlimited Inc.	1027 Carp Rd Stittsville ON K2S 1B9	WNW/34.5	1.08	27
5	WWIS		lot 23 con 12 ON Well ID: 1515752	WNW/83.5	2.08	28
6	PES	HORSE WORLD INC.	1017 CARP ROAD STITTSVILLE ON K2S 1B9	WNW/91.8	1.03	31
6	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	WNW/91.8	1.03	31
6	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	WNW/91.8	1.03	32
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	WNW/91.8	1.03	32
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	WNW/91.8	1.03	32
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW/91.8	1.03	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW/91.8	1.03	33
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW/91.8	1.03	33
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW/91.8	1.03	33
6	GEN	Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW/91.8	1.03	34
7	BORE		ON	SW/92.7	2.00	34
8	WWIS		lot 23 con 12 ON Well ID: 1502958	SW/92.7	2.00	36
9	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	WNW/100.7	1.03	40
9	PES	HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	WNW/100.7	1.03	40
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	40
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	41
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	41
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	41
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON	S/122.5	2.00	42
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	43
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	43
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	43
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	44
10	EASR	THOMAS CAVANAGH CONSTRUCTION LIMITED	1054 Carp RD Ottawa ON K2S 1B9	S/122.5	2.00	44
10	GEN	CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S/122.5	2.00	44
11	PRT	APOS CONVENIENCE LTD	1000 CARP RD CARP ON	W/135.2	3.08	45
11	PRT	APOS CONVENIENCE LTD ANAND BANSAL	1000 CARP RD CARP ON	W/135.2	3.08	45
12	BORE		ON	ESE/141.8	-1.07	45
13	WWIS		lot 23 con 12 ON Well ID: 1502957	ESE/141.8	-1.07	46
14	BORE		ON	W/154.9	3.66	49
15	WWIS		lot 1 con 2 ON	NW/173.6	0.06	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1514493			
16	WWIS		lot 1 con 2 ON	WNW/174.6	1.08	52
			Well ID: 1515281			
17	WWIS		lot 1 con 2 ON	NW/198.5	0.54	55
			Well ID: 1514315			
18	WWIS		lot 23 con 12 ON	ESE/216.8	0.06	58
			Well ID: 1515305			
19	WWIS		lot 1 con 2 ON	WNW/234.1	1.99	61
			Well ID: 1503049			
20	EHS		123 Echowoods Ave Ottawa ON K2S2E7	E/237.0	-0.92	63
21	WWIS		6288 ROTHBOURN RD. lot 1 con 3 CARP ON	WNW/242.0	4.42	64
			Well ID: 1535454			

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SW	92.65	<u>7</u>
	ON	W	154.88	<u>14</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ESE	141.82	<u>12</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Aug 31, 2020 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
THOMAS CAVANAGH CONSTRUCTION LIMITED	1054 Carp RD Ottawa ON K2S 1B9	S	122.48	<u>10</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	123 Echowoods Ave Ottawa ON K2S2E7	E	236.99	<u>20</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 18 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON K2S 1B9	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	WNW	91.82	<u>6</u>
Kodiak Snowblowing and Lawncare, Inc.	1017B Carp Rd. Stittsville ON	WNW	91.82	<u>6</u>
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	<u>10</u>
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON	S	122.48	<u>10</u>
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	<u>10</u>
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	<u>10</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10
CARP ROAD ANIMAL HOSPITAL	1054 CARP ROAD STITTSVILLE ON K2S 1B9	S	122.48	10

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Aug 31, 2020 has found that there are 5 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	WNW	91.82	6
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S 1B9	WNW	91.82	6
HORSE WORLD INC.	1017 CARP ROAD STITTSVILLE ON K2S 1B9	WNW	91.82	6

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	WNW	100.66	9
HORSE WORLD INC.	1017 CARP RD STITTSVILLE ON K2S1B9	WNW	100.66	9

PRT - Private and Retail Fuel Storage Tanks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
APOS CONVENIENCE LTD ANAND BANSAL	1000 CARP RD CARP ON	W	135.20	11
APOS CONVENIENCE LTD	1000 CARP RD CARP ON	W	135.20	11

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Mementos Unlimited Inc.	1027 Carp Rd Stittsville ON K2S 1B9	WNW	34.47	4
MENTOS UNLIMITED INC	1027 CARP RD STITTSVILLE ON K2S 1B9	WNW	34.47	4

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 12 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 23 con 12 ON	SW	23.46	<u>1</u>
	<i>Well ID:</i> 1502952			
	lot 23 con 12 ON	WSW	23.83	<u>2</u>
	<i>Well ID:</i> 1502956			
	lot 23 con 12 ON	WSW	30.97	<u>3</u>
	<i>Well ID:</i> 1502945			
	lot 23 con 12 ON	WNW	83.47	<u>5</u>
	<i>Well ID:</i> 1515752			
	lot 23 con 12 ON	SW	92.70	<u>8</u>
	<i>Well ID:</i> 1502958			
	lot 1 con 2 ON	NW	173.57	<u>15</u>
	<i>Well ID:</i> 1514493			
	lot 1 con 2 ON	WNW	174.63	<u>16</u>
	<i>Well ID:</i> 1515281			
	lot 1 con 2 ON	NW	198.49	<u>17</u>
	<i>Well ID:</i> 1514315			
	lot 23 con 12 ON	ESE	216.77	<u>18</u>
	<i>Well ID:</i> 1515305			
	lot 1 con 2 ON	WNW	234.07	<u>19</u>
	<i>Well ID:</i> 1503049			
	6288 ROTHBOURN RD. lot 1 con 3 CARP ON	WNW	242.03	<u>21</u>
	<i>Well ID:</i> 1535454			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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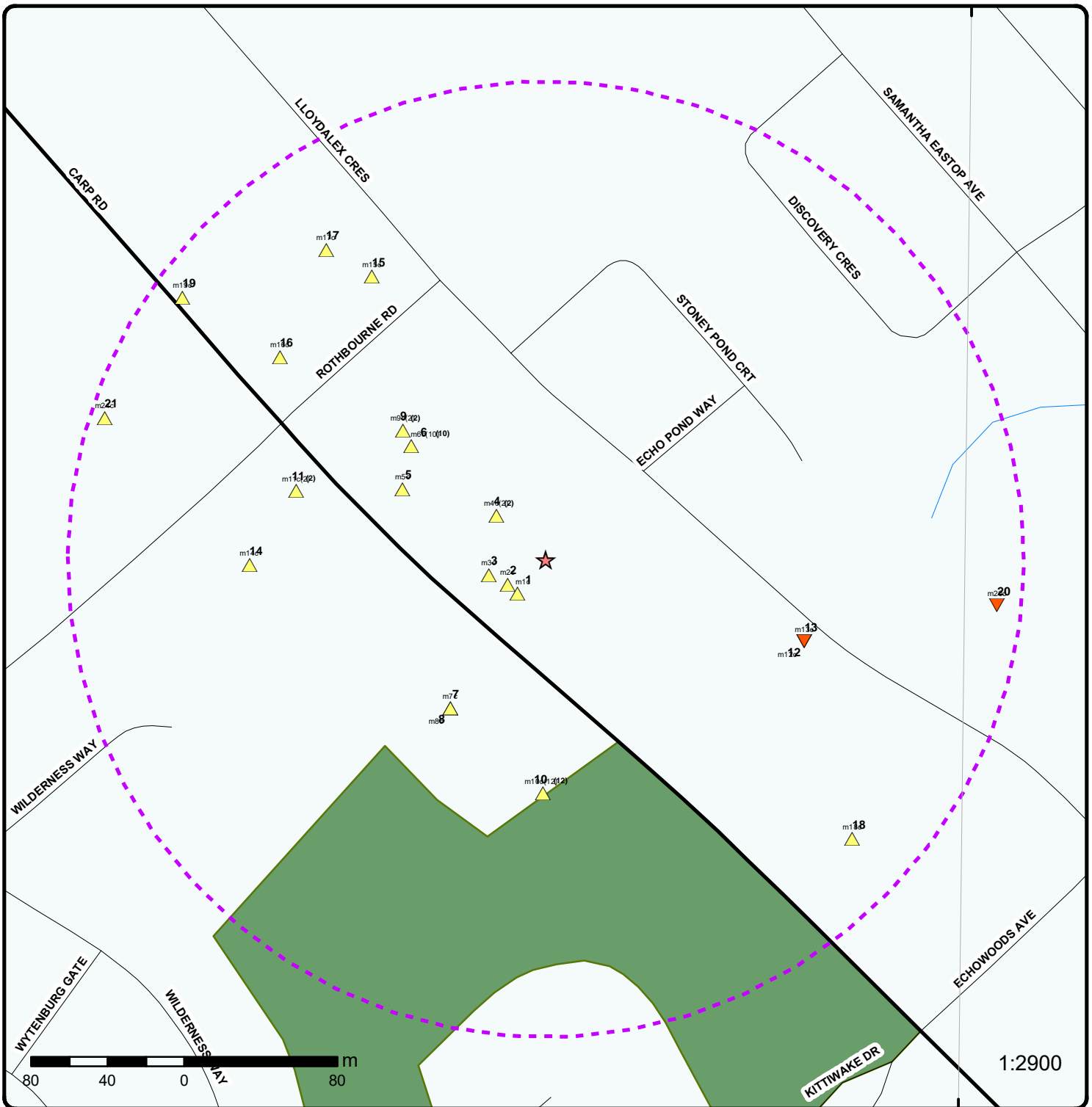
lot 23 con 12
ON

ESE

141.83

13

Well ID: 1502957



Map : 0.25 Kilometer Radius

Order Number: 20292300098

Address: 1037 Carp Road, Stittsville, ON

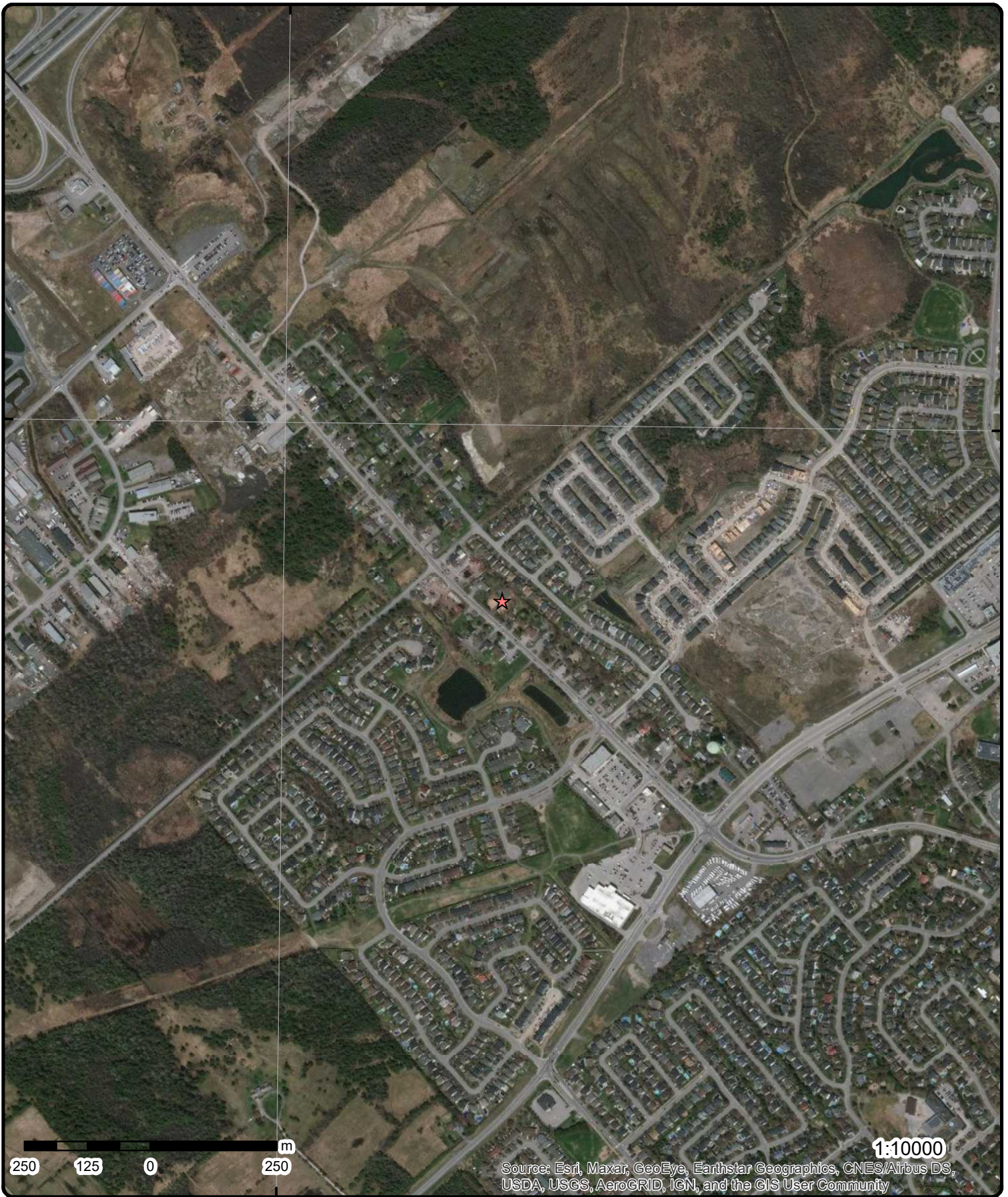


	Project Property		Expressway		Industrial and Resource - Regions		National Park
	Buffer Outline		Principal Highway		Main Line		Provincial or Territorial Park
	Eris Sites with Higher Elevation		Secondary Highway		Sidetrack		Other Park
	Eris Sites with Same Elevation		Major Road		Transit Line		Golf Course or Driving Range
	Eris Sites with Lower Elevation		Local road		Abandoned Line		Park or Sports Field
	Eris Sites with Unknown Elevation		Trail		Proposed Road		Other Recreation Area
			Ferry Route/Ice Road				

75°57'W

45°16'30"N

45°16'30"N



Aerial Year: 2019

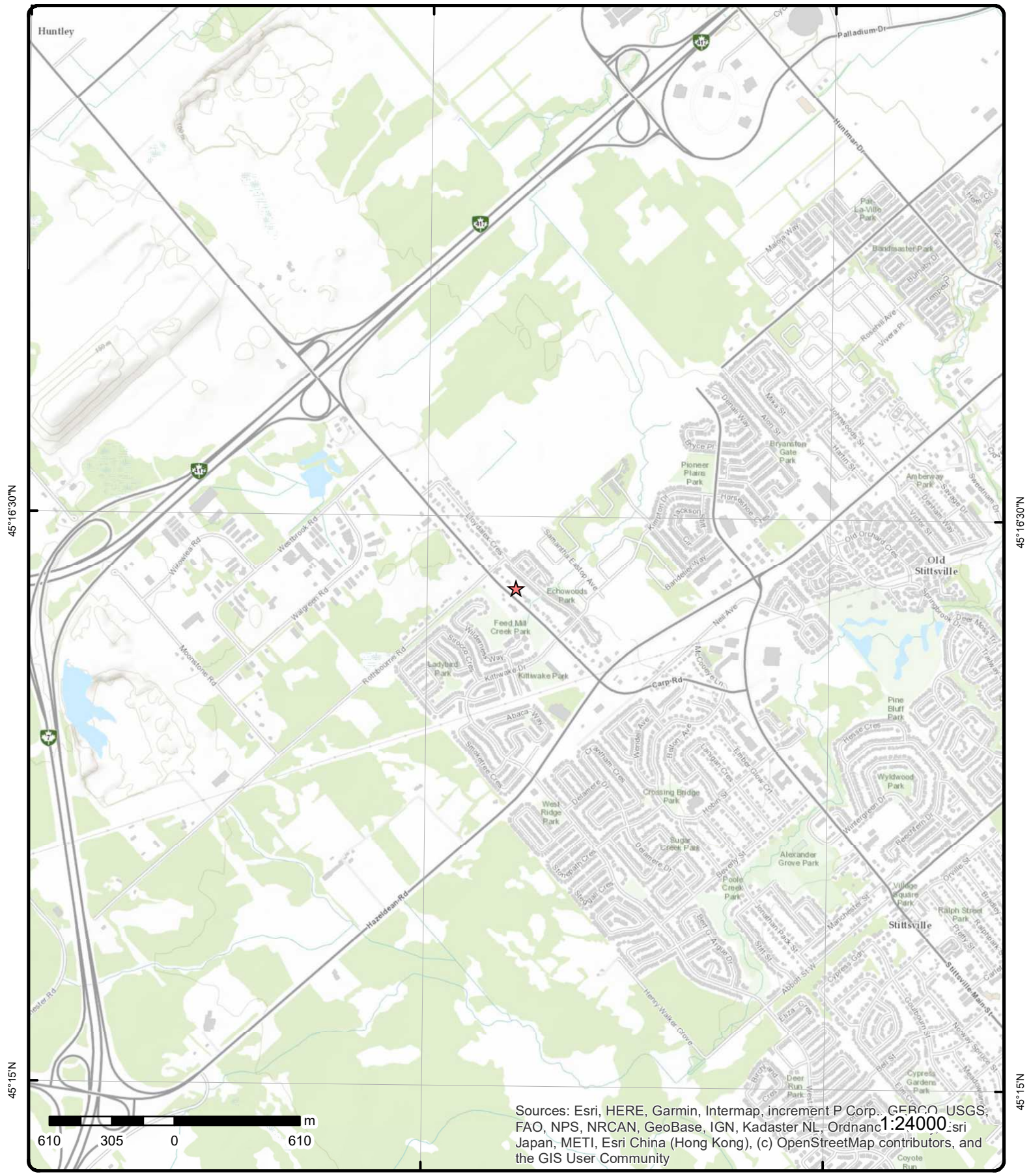
Address: 1037 Carp Road, Stittsville, ON

Source: ESRI World Imagery

Order Number: 20292300098



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

Topographic Map

Address: 1037 Carp Road, ON

Source: ESRI World Topographic Map

Order Number: 20292300098



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SW/23.5	120.9 / 1.08	lot 23 con 12 ON	WWIS

<p>Well ID: 1502952</p> <p>Construction Date:</p> <p>Primary Water Use: Domestic</p> <p>Sec. Water Use: 0</p> <p>Final Well Status: Water Supply</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No:</p> <p>Tag:</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p>	<p>Data Entry Status:</p> <p>Data Src: 1</p> <p>Date Received: 6/27/1960</p> <p>Selected Flag: Yes</p> <p>Abandonment Rec:</p> <p>Contractor: 1801</p> <p>Form Version: 1</p> <p>Owner:</p> <p>Street Name:</p> <p>County: OTTAWA</p> <p>Municipality: GOULBOURN TOWNSHIP</p> <p>Site Info:</p> <p>Lot: 023</p> <p>Concession: 12</p> <p>Concession Name: CON</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502952.pdf

Bore Hole Information

<p>Bore Hole ID: 10024995</p> <p>DP2BR: 38</p> <p>Spatial Status:</p> <p>Code OB: r</p> <p>Code OB Desc: Bedrock</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 5/21/1960</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p>	<p>Elevation: 127.232284</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 425900.6</p> <p>North83: 5013567</p> <p>Org CS:</p> <p>UTMRC: 5</p> <p>UTMRC Desc: margin of error : 100 m - 300 m</p> <p>Location Method: p5</p>
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**Overburden and Bedrock
Materials Interval**

Formation ID: 930995647

Layer: 1

Color:

General Color:

Mat1: 09

Most Common Material: MEDIUM SAND

Mat2: 13

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995648			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961502952			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573565			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042771			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		42			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042772			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		58			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pump Test ID: 991502952
Pump Set At:
Static Level: 14
Final Level After Pumping: 22
Recommended Pump Depth: 22
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 3
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933455771
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

2	1 of 1	WSW/23.8	120.9 / 1.08	lot 23 con 12 ON	WWIS
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Well ID: 1502956	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 8/16/1962
Sec. Water Use: 0	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 3503
Casing Material:	Form Version: 1
Audit No:	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA
Elevation (m):	Municipality: GOULBOURN TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 023
Well Depth:	Concession: 12
Overburden/Bedrock:	Concession Name: CON
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502956.pdf

Bore Hole Information

Bore Hole ID: 10024999	Elevation: 127.437942
DP2BR: 41	Elevrc:
Spatial Status:	Zone: 18
Code OB: r	East83: 425895.6
Code OB Desc: Bedrock	North83: 5013572

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/8/1962			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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995656			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995655			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961502956			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573569			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing ID:		930042779			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042780			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502956			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		40			
Recommended Pump Depth:		65			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
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:		45			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455775			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			

<u>3</u>	1 of 1	WSW/31.0	120.9 / 1.13	lot 23 con 12 ON	WWIS
<hr/>					
Well ID:	1502945			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/7/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	12
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502945.pdf

Bore Hole Information

Bore Hole ID:	10024988	Elevation:	127.8097
DP2BR:	30	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	425885.6
Code OB Desc:	Bedrock	North83:	5013577
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/18/1956	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:	930995630
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	930995631
Layer:	2
Color:	7
General Color:	RED
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930995632			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961502945			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573558			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042758			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042757			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID: 991502945					
Pump Set At:					
Static Level: 15					
Final Level After Pumping: 20					
Recommended Pump Depth:					
Pumping Rate: 3					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 0					
Pumping Duration MIN: 30					
Flowing: No					
<u>Water Details</u>					
Water ID: 933455764					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 75					
Water Found Depth UOM: ft					
4	1 of 2	WNW/34.5	120.9 / 1.08	MEMENTOS UNLIMITED INC 1027 CARP RD STITTSVILLE ON K2S 1B9	SCT
Established: 1987					
Plant Size (ft²): 1860					
Employment: 3					
--Details--					
Description: AUTOMOTIVE TRIMMINGS, APPAREL FINDINGS, AND RELATED PRODUCTS					
SIC/NAICS Code: 2396					
Description: COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED					
SIC/NAICS Code: 2759					
Description: COATING, ENGRAVING AND ALLIED SERVICES, NOT ELSEWHERE CLASSIFIED					
SIC/NAICS Code: 3479					
Description: MANUFACTURING INDUSTRIES, NOT ELSEWHERE CLASSIFIED					
SIC/NAICS Code: 3999					
4	2 of 2	WNW/34.5	120.9 / 1.08	Mementos Unlimited Inc. 1027 Carp Rd Stittsville ON K2S 1B9	SCT
Established: 01-JUL-87					
Plant Size (ft²): 1860					
Employment:					
--Details--					
Description: Other Printing					
SIC/NAICS Code: 323119					
Description: Sign Manufacturing					
SIC/NAICS Code: 339950					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Coating, Engraving, Heat Treating and Allied Activities			
SIC/NAICS Code:		332810			
Description:		All Other Miscellaneous Manufacturing			
SIC/NAICS Code:		339990			
Description:		Clothing Accessories and Other Clothing Manufacturing			
SIC/NAICS Code:		315990			

<u>5</u>	1 of 1	WNW/83.5	121.9 / 2.08	lot 23 con 12 ON	WWIS
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Well ID:	1515752	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/9/1976
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
Well Depth:		Concession:	12
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515752.pdf

Bore Hole Information

Bore Hole ID:	10037696	Elevation:	127.476959
DP2BR:	41	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	425840.6
Code OB Desc:	Bedrock	North83:	5013622
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	11/24/1976	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:	931030134
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		SAND			
Mat2 Desc:		12			
Mat3:		STONES			
Mat3 Desc:					
Formation Top Depth:		14			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931030133			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931030135			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41			
Formation End Depth:		123			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961515752			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586266			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930066438			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:	4				
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:	123				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930066437				
Layer:	1				
Material:	1				
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	43				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991515752				
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	60				
Recommended Pump Depth:	70				
Pumping Rate:	15				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934101330				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	60				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934639205				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	60				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934378101				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	60				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934897104
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933471916
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 116
Water Found Depth UOM: ft

6	1 of 10	WNW/91.8	120.8 / 1.03	HORSE WORLD INC. 1017 CARP ROAD STITTSVILLE ON K2S 1B9	PES
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Detail Licence No: 23-01-11074-0
Licence No: 11074
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region: 4
District: 2
County: 15
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 4
Operator District: 2
Operator County: 15
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

6	2 of 10	WNW/91.8	120.8 / 1.03	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S 1B9	PES
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Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>PDF Link:</i>					
6	3 of 10	WNW/91.8	120.8 / 1.03	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S 1B9	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
6	4 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON	GEN
Generator No: ON3104642 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 811310 SIC Description: Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
6	5 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON	GEN
Generator No: ON3104642 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 811310 SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	6 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON K2S 1B9	GEN
Generator No: ON3104642		PO Box No:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 811310 SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE					
Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Jean-Paul Giasson Phone No Admin: 613-591-6078 Ext.					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
<u>6</u>	7 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON K2S 1B9	GEN
Generator No: ON3104642 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 811310 SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE					
PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Jean-Paul Giasson Phone No Admin: 613-591-6078 Ext.					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
<u>6</u>	8 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON K2S 1B9	GEN
Generator No: ON3104642 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 811310 SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE					
PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Jean-Paul Giasson Phone No Admin: 613-591-6078 Ext.					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
<u>6</u>	9 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON K2S 1B9	GEN
Generator No: ON3104642 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
<u>6</u>	10 of 10	WNW/91.8	120.8 / 1.03	Kodiak Snowblowing and Lawncare, Inc. 1017B Carp Rd. Stittsville ON K2S 1B9	GEN
Generator No:	ON3104642			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
<u>7</u>	1 of 1	SW/92.7	121.8 / 2.00	ON	BORE
Borehole ID:	609568			Inclin FLG:	No
OGF ID:	215511184			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1963			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.271152
Total Depth m:	22.9			Longitude DD:	-75.945078
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	425866
Drill Method:				Northing:	5013507
Orig Ground Elev m:	125			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	125				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218383531			Mat Consistency:	
Top Depth:	3			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383534 11.6 14 Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383533 10.7 11.6 Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383535 14 22.9 Black Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	LIMESTONE. BLACK. 00070ITY = 22300. BEDROCK. SEISMIC VELOCITY = 17000. 00018022036000 **Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383529 0 1.8 Gravel			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383530 1.8 3 Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383532 7.6 10.7 Bedrock Unknown			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	BEDROCK,UNSPECIFIED.

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

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 02076 NTS_Sheet:
Confiden 1:

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

Source List

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

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

<u>8</u>	1 of 1	SW/92.7	121.8 / 2.00	lot 23 con 12 ON	WWIS
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Well ID: 1502958
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/27/1963
Selected Flag: Yes
Abandonment Rec:
Contractor: 2621
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 023
Concession: 12
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502958.pdf

Bore Hole Information

Bore Hole ID: 10025001
DP2BR: 10
Spatial Status:
Code OB: v
Code OB Desc: Overburden below Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/27/1963
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation: 125.584129
Elevrc:
Zone: 18
East83: 425865.6
North83: 5013507
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930995666		
Layer:			7		
Color:			8		
General Color:			BLACK		
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			46		
Formation End Depth:			75		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930995660		
Layer:			1		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			6		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930995661		
Layer:			2		
Color:					
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			6		
Formation End Depth:			10		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930995665		
Layer:			6		
Color:					
General Color:					
Mat1:			09		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995663			
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995662			
Layer:		3			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930995664			
Layer:		5			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961502958			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573571			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042784			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042783			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502958			
Pump Set At:					
Static Level:		16			
Final Level After Pumping:		20			
Recommended Pump Depth:		30			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455777			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		70			
Water Found Depth UOM:		ft			
<u>9</u>	1 of 2	WNW/100.7	120.8 / 1.03	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S1B9	PES
Detail Licence No:				Operator Box:	
Licence No:	11074			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Retail Vendor Class 03			Oper Phone No:	8361845
Licence Type Code:	21			Operator Ext:	
Licence Class:	03			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
<u>9</u>	2 of 2	WNW/100.7	120.8 / 1.03	HORSE WORLD INC. 1017 CARP RD STITTSVILLE ON K2S1B9	PES
Detail Licence No:	23-01-11074-0			Operator Box:	
Licence No:	11074			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	8361845
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	4
Longitude:				Operator District:	2
Lot:				Operator County:	15
Concession:				Op Municipality:	
Region:	4			Post Office Box:	
District:	2			MOE District:	
County:	15			SWP Area Name:	
Trade Name:					
PDF Link:					
<u>10</u>	1 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	
Approval Years:	93,94,95,96,97,98,99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0211				
SIC Description:	VETERINARY SERVICE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
10	2 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
10	3 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
10	4 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2011 541940	 Veterinary Services		Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
<u>10</u>	5 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1777400 2012 541940	 Veterinary Services		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
<u>10</u>	6 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1777400 2013 541940	 VETERINARY SERVICES		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		264 PHOTOPROCESSING WASTES			
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	7 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Deborah A Viau
MHSW Facility:	No			Phone No Admin:	613 831 2965 Ext.
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
10	8 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Deborah A Viau
MHSW Facility:	No			Phone No Admin:	613 831 2965 Ext.
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
10	9 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Deborah A Viau
MHSW Facility:	No			Phone No Admin:	613 831 2965 Ext.
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
10	10 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
10	11 of 12	S/122.5	121.8 / 2.00	THOMAS CAVANAGH CONSTRUCTION LIMITED 1054 Carp RD Ottawa ON K2S 1B9	EASR
Approval No:	R-009-1110192358			SWP Area Name:	Mississippi Valley
Status:	REGISTERED			MOE District:	Ottawa
Date:	2017-07-26			Municipality:	Ottawa
Record Type:	EASR			Latitude:	45.27083333
Link Source:	MOFA			Longitude:	-75.94444444
Project Type:	Water Taking - Construction Dewatering			Geometry X:	
Full Address:				Geometry Y:	
Approval Type:	EASR-Water Taking - Construction Dewatering				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2040018				
10	12 of 12	S/122.5	121.8 / 2.00	CARP ROAD ANIMAL HOSPITAL 1054 CARP ROAD STITTSVILLE ON K2S 1B9	GEN
Generator No:	ON1777400			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Pathological wastes			
11	1 of 2	W/135.2	122.9 / 3.08	APOS CONVENIENCE LTD 1000 CARP RD CARP ON	PRT
Location ID:	2805				
Type:	retail				
Expiry Date:	1990-06-30				
Capacity (L):	2000				
Licence #:	0033366001				
11	2 of 2	W/135.2	122.9 / 3.08	APOS CONVENIENCE LTD ANAND BANSAL 1000 CARP RD CARP ON	PRT
Location ID:	2805				
Type:	retail				
Expiry Date:	1996-04-30				
Capacity (L):	0				
Licence #:	0051651001				
12	1 of 1	ESE/141.8	118.7 / -1.07	ON	BORE
Borehole ID:	609570			Inclin FLG:	No
OGF ID:	215511186			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1962			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.271486
Total Depth m:	14.6			Longitude DD:	-75.942725
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	426051
Drill Method:				Northing:	5013542
Orig Ground Elev m:	125			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	121				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218383538			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SHALE.				
Geology Stratum ID:	218383539			Mat Consistency:	
Top Depth:	4.6			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth:	9.8			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Unknown			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,UNSPECIFIED.GREY.				
Geology Stratum ID:	218383540			Mat Consistency:	
Top Depth:	9.8			Material Moisture:	
Bottom Depth:	14.6			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. BLACK. 00046ESTONE. LIMESTONE. BLACK. 00070ITY = 22300. BEDROCK. SEISMIC **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 02078 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
13	1 of 1	ESE/141.8	118.7 / -1.07	lot 23 con 12 ON	WWIS
Well ID:	1502957			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/7/1962
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2621
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	12
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
<i>PDF URL (Map):</i>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502957.pdf			
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	10025000			<i>Elevation:</i>	121.121009
<i>DP2BR:</i>	0			<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>	v			<i>East83:</i>	426050.6
<i>Code OB Desc:</i>	Overburden below Bedrock			<i>North83:</i>	5013542
<i>Open Hole:</i>				<i>Org CS:</i>	
<i>Cluster Kind:</i>				<i>UTMRC:</i>	5
<i>Date Completed:</i>	9/7/1962			<i>UTMRC Desc:</i>	margin of error : 100 m - 300 m
<i>Remarks:</i>				<i>Location Method:</i>	p5
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>	930995657				
<i>Layer:</i>	1				
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>	17				
<i>Most Common Material:</i>	SHALE				
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>	0				
<i>Formation End Depth:</i>	15				
<i>Formation End Depth UOM:</i>	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>	930995658				
<i>Layer:</i>	2				
<i>Color:</i>	2				
<i>General Color:</i>	GREY				
<i>Mat1:</i>	09				
<i>Most Common Material:</i>	MEDIUM SAND				
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>	15				
<i>Formation End Depth:</i>	32				
<i>Formation End Depth UOM:</i>	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>	930995659				
<i>Layer:</i>	3				
<i>Color:</i>	8				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BLACK			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		32			
Formation End Depth:		48			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961502957			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573570			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042781			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042782			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		48			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502957			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		9			
Recommended Pump Depth:		25			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: No					
<u>Water Details</u>					
Water ID: 933455776					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 46					
Water Found Depth UOM: ft					

14	1 of 1	W/154.9	123.5 / 3.66	ON	BORE
Borehole ID: 609572					
OGF ID: 215511188					
Status: Borehole					
Type: Borehole					
Use:					
Completion Date:					
Static Water Level: 6.1					
Primary Water Use:					
Sec. Water Use:					
Total Depth m: -999					
Depth Ref: Ground Surface					
Depth Elev:					
Drill Method:					
Orig Ground Elev m: 129					
Elev Reliabil Note:					
DEM Ground Elev m: 125					
Concession:					
Location D:					
Survey D:					
Comments:					
Inclin FLG: No					
SP Status: Initial Entry					
Surv Elev: No					
Piezometer: No					
Primary Name:					
Municipality:					
Lot:					
Township:					
Latitude DD: 45.271816					
Longitude DD: -75.946427					
UTM Zone: 18					
Easting: 425761					
Northing: 5013582					
Location Accuracy:					
Accuracy: Not Applicable					

Borehole Geology Stratum

Geology Stratum ID: 218383543					
Top Depth: 0					
Bottom Depth: 13.1					
Material Color:					
Material 1: Gravel					
Material 2: Sand					
Material 3:					
Material 4:					
Gsc Material Description:					
Stratum Description: GRAVEL,SAND.					
Mat Consistency:					
Material Moisture:					
Material Texture:					
Non Geo Mat Type:					
Geologic Formation:					
Geologic Group:					
Geologic Period:					
Depositional Gen:					
Geology Stratum ID: 218383544					
Top Depth: 13.1					
Bottom Depth:					
Material Color: Black					
Material 1: Bedrock					
Material 2: Limestone					
Material 3:					
Material 4:					
Gsc Material Description:					
Stratum Description: BEDROCK,LIMESTONE. WATER STABLE AT 405.0 FEET.STONE. LIMESTONE. BLACK. 00070ITY = 22300.					

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

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Ident:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 020800 NTS_Sheet: 31G05D		
Confiden 1:	Reliable information but incomplete.		

Source List

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

15	1 of 1	NW/173.6	119.8 / 0.06	lot 1 con 2 ON	WWIS
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Well ID:	1514493	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/29/1975
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3644
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	HUNTLEY TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	001
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514493.pdf

Bore Hole Information

Bore Hole ID:	10036466	Elevation:	122.678031
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	425824.6
Code OB Desc:	Overburden	North83:	5013733
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	11/2/1974	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931026395			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		39			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514493			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585036			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064447			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		31			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514493			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		25			
Recommended Pump Depth:		25			
Pumping Rate:		25			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934100326				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	25				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934382508				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	25				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933470372				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	30				
Water Found Depth UOM:	ft				

[16](#) 1 of 1 **WNW/174.6** **120.9 / 1.08** **lot 1 con 2 ON** **WWIS**

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

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

Bore Hole Information

Bore Hole ID:	10037238	Elevation:	126.823417
DP2BR:	54	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	425776.6
Code OB Desc:	Bedrock	North83:	5013691

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole: Cluster Kind: Date Completed: 2/26/1976 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028753			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		54			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028750			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028752			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		30			
Formation End Depth:		54			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931028751			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		5			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515281			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585808			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930065757			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		56			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930065758			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991515281			
Pump Set At:					
Static Level:		22			
Final Level After Pumping:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:	55				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934646306				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934376429				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934895432				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934100090				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	45				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933471335				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	80				
Water Found Depth UOM:	ft				

17	1 of 1	NW/198.5	120.3 / 0.54	lot 1 con 2 ON	WWIS
Well ID:	1514315			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/15/1974
Sec. Water Use:	0			Selected Flag:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	HUNTLEY TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

Bore Hole Information

Bore Hole ID:	10036290	Elevation:	123.203636
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	425800.6
Code OB Desc:	Overburden	North83:	5013747
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	9/10/1974	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:	931025925
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025924
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514315			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584860			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064129			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		33			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930064128			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514315			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		25			
Recommended Pump Depth:		25			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934642922				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	25				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934381933				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	25				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934900390				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	25				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934100168				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	25				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933470169				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	33				
Water Found Depth UOM:	ft				

[18](#)

1 of 1

ESE/216.8

119.8 / 0.06

lot 23 con 12
ON

WWIS

Well ID: 1515305
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 5/6/1976
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 023

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	12
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515305.pdf

Bore Hole Information

Bore Hole ID:	10037262	Elevation:	124.558219
DP2BR:	34	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	426075.6
Code OB Desc:	Bedrock	North83:	5013439
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	4/2/1976	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:	931028820
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931028821
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	34
Formation End Depth:	97
Formation End Depth UOM:	ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515305			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585832			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930065796			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		97			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930065795			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		35			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991515305			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		27			
Recommended Pump Depth:		30			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376446			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646322			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895449			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100106			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		27			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933471364			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		94			
Water Found Depth UOM:		ft			

19	1 of 1	WNW/234.1	121.8 / 1.99	lot 1 con 2 ON	WWIS
Well ID:		1503049		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 10/2/1961	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 3503	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: HUNTLEY TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 001	
Well Depth:				Concession: 02	
Overburden/Bedrock:				Concession Name: CON	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

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

Bore Hole ID:	10025092	Elevation:	128.716094
DP2BR:	45	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	425725.6
Code OB Desc:	Bedrock	North83:	5013722
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/27/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930995871
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	07
Mat3 Desc:	QUICKSAND
Formation Top Depth:	0
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995872
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well

Use

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

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe ID: 10573662
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042964
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042963
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 55
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503049
Pump Set At:
Static Level: 16
Final Level After Pumping: 55
Recommended Pump Depth: 70
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933455891
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

20	1 of 1	E/237.0	118.9 / -0.92	123 Echowoods Ave Ottawa ON K2S2E7	EHS
Order No:	20180319123	Nearest Intersection:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Standard Report Report Date: 26-MAR-18 Date Received: 19-MAR-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.941445 Y: 45.271667	

21	1 of 1	WNW/242.0	124.2 / 4.42	6288 ROTHBOURN RD. lot 1 con 3 CARP ON	WWIS
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Well ID:	1535454	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	5/18/2005
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	3
Audit No:	Z27093	Owner:	
Tag:	A013643	Street Name:	6288 ROTHBOURN RD.
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	HUNTLEY TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	001
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

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

Bore Hole Information

Bore Hole ID:	11315993	Elevation:	128.577926
DP2BR:	48	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	425685
Code OB Desc:	Bedrock	North83:	5013659
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/18/2005	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:	932996371
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	12

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		9.75			
Formation End Depth:		14.62			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996372			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14.62			
Formation End Depth:		83.2			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996369			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		02			
Mat2 Desc:		TOPSOIL			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996370			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		02			
Mat2 Desc:		TOPSOIL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.82			
Formation End Depth:		9.75			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933268327			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933268328			
Layer:		1			
Plug From:		10.66			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961535454			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11330848			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855248			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.6			
Depth To:		15.23			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855249			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		15.23			
Depth To:		83.2			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11345433			
Pump Set At:		68.57			
Static Level:		6.2			
Final Level After Pumping:		16.38			
Recommended Pump Depth:		45.71			
Pumping Rate:		18.2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:		18.2			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379567			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		10.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379561			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10.02			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379566			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.58			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379550			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		6.85			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379563			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		8.31			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379558			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		9.91			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		11379562			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		9.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379565			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		10.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379568			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379559			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		7.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379569			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		11.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379549			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		13.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379548			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		7.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379570			
Test Type:		Draw Down			
Test Duration:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:	8				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379551				
Test Type:	Draw Down				
Test Duration:	50				
Test Level:	10.01				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379564				
Test Type:	Draw Down				
Test Duration:	10				
Test Level:	9.26				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379573				
Test Type:	Draw Down				
Test Duration:	20				
Test Level:	9.85				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379556				
Test Type:	Recovery				
Test Duration:	25				
Test Level:	7.08				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379553				
Test Type:	Draw Down				
Test Duration:	40				
Test Level:	9.99				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379557				
Test Type:	Draw Down				
Test Duration:	2				
Test Level:	7.66				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	11379560				
Test Type:	Draw Down				
Test Duration:	1				
Test Level:	7.21				
Test Level UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379572			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		12.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379571			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		6.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379552			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		6.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379554			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		6.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11379555			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		9.95			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934059678			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		64.91			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11533472			
Diameter:		15.55			
Depth From:		15.23			
Depth To:		83.2			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Hole ID:</i>		11533471			
<i>Diameter:</i>		22.75			
<i>Depth From:</i>		0			
<i>Depth To:</i>		15.23			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Unplottable Summary

Total: 32 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con 3	West Carleton ON	
CA	Morgan's Grant Subdivision Booster Pumping Station	Lot 1, Concession 3	Ottawa ON	
CA		Part of Lot 23, Concession 12	Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	TIMBERWOOD DEVELOPMENT CORPORATION	PT.LOTS 22&23/CON.12 (SWM)	GOULBOURN TWP. ON	
CA	PAVAGE YOUNG ENG.	CARP ROAD, STITTSVILLE	WEST CARLETON TWP. ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	WEST CARLETON TOWNSHIP	R.R.#5(CARP RD.),S-WATER MGT.	WEST CARLETON TWP. ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	G.E. REDDOM	CARP RD. (WEST CARLETON)	GOULBOURN TWP. ON	
CA	Thomas Cavanagh Construction Limited	Geographic Township of Goulbourn	Ottawa ON	
CA	City of Ottawa	Part of Lots 1 to 5, Concession 3	Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	WEST CARLETON TOWNSHIP	RR#5 (CARP RD.) S-WATER MGT.	WEST CARLETON TWP. ON	
CONV	West Carleton Sand & Gravel Inc.	Rothbourne Road.	Ottawa ON	

EBR	Thomas Cavanagh Construction Limited		ON	
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
ECA	Thomas Cavanagh Construction Limited	Former Geographic Township of Goulbourn, now in the amalgamated City of Ottawa	Ottawa ON	
PTTW	Thomas Cavanagh Construction Limited		ON	
PTTW	Thomas Cavanagh Construction Limited	Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City CITY OF OTTAWA	ON	
SPL		Carp Road (between Hazeldean and Stittsville Main), Stittsville	Ottawa ON	
SPL	TRANSPORT TRUCK	CARP RD. TRANSPORT TRUCK (CARGO)	WEST CARLETON TOWNSHIP ON	
SPL	TRANSCANADA PIPELINES	LOT 23,CONC 12,AT CODY CREEK BRIDGE. MOTOR VEHICLE (OPERATING FLUID)	WEST CARLETON TOWNSHIP ON	
SPL	TRANSPORT TRUCK	CARP RD MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	K2S 1B9
SPL	Thomas Cavanagh Construction Limited		Ottawa ON	
SPL	UNKNOWN	VILLAGE OF CARP CARP ROAD	WEST CARLETON TOWNSHIP ON	
SPL	Taggart Construction Limited	Maple Grove Rd	Ottawa ON	
SPL	Thomas Cavanagh Construction Limited		Ottawa ON	
SPL	TRANSCANADA PIPELINES	WEST BRANCH OF CODY CREEK, LOT 23, CONC 12	WEST CARLETON TOWNSHIP ON	

Unplottable Report

Site: Lot 1 Con 3 West Carleton ON

Database:
AAGR

Type: Pit
Region/County: Ottawa-Carleton
Township: West Carleton
Concession: 3
Lot: 1
Size (ha): 0.25
Landuse:
Comments:

Site: Morgan's Grant Subdivision Booster Pumping Station
Lot 1, Concession 3 Ottawa ON

Database:
CA

Certificate #: 0416-58ZLK5
Application Year: 02
Issue Date: 5/14/02
Approval Type: Industrial air
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: This application is for approval of one (1) 100 kW emergency diesel generator used to power four (4) pumps at the proposed Morgan's Grant Booster Pumping Station in the event of a power failure.
Contaminants:
Emission Control: No Controls

Site: Part of Lot 23, Concession 12 Ottawa ON

Database:
CA

Certificate #: 7710-4YQSAU
Application Year: 01
Issue Date: 9/7/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: G. Lemay Construction (1998) Inc.
Client Address: 5330 Chemin Canotek, Suite 8
Client City: Ottawa
Client Postal Code: K1J 9C2
Project Description: Construction of Stormwater Management Facility to service the Eco Woods Subdivision
Contaminants:
Emission Control:

Site: Thomas Cavanagh Construction Limited
Ottawa ON

Database:
CA

Certificate #: 0598-5FTQFY
Application Year: 2002
Issue Date: 11/20/2002
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **TIMBERWOOD DEVELOPMENT CORPORATION**
PT.LOTS 22&23/CON.12 (SWM) GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-1003-99-
Application Year: 99
Issue Date: 10/6/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **PAVAGE YOUNG ENG.**
CARP ROAD, STITTSVILLE WEST CARLETON TWP. ON

Database:
CA

Certificate #: 8-4027-96-
Application Year: 96
Issue Date: 5/3/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: RELOCATE ASPHALT PLANT
Contaminants: Nitrogen Oxides, Suspended Particulate Matter, Odour/Fumes
Emission Control: No Controls, Spray Chamber, No Controls,

Site: **Thomas Cavanagh Construction Limited**
Ottawa ON

Database:
CA

Certificate #: 1332-67RGUN
Application Year: 2005
Issue Date: 1/6/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **WEST CARLETON TOWNSHIP**
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: **Thomas Cavanagh Construction Limited**
Ottawa ON

Database:
CA

Certificate #: 5915-7K9JUV
Application Year: 2008
Issue Date: 10/17/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Thomas Cavanagh Construction Limited**
Ottawa ON

Database:
CA

Certificate #: 7389-5HYQMW
Application Year: 2004
Issue Date: 2/24/2004
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **G.E. REDDOM**
CARP RD. (WEST CARLETON) GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-1099-88-
Application Year: 88
Issue Date: 7/25/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Thomas Cavanagh Construction Limited*
Geographic Township of Goulbourn Ottawa ON

Database:
CA

Certificate #: 7448-7HENB5
Application Year: 2008
Issue Date: 8/25/2008
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa*
Part of Lots 1 to 5, Concession 3 Ottawa ON

Database:
CA

Certificate #: 7940-5X6RQ2
Application Year: 2004
Issue Date: 6/16/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Thomas Cavanagh Construction Limited*
Ottawa ON

Database:
CA

Certificate #: 9927-6G8LNP
Application Year: 2005
Issue Date: 9/19/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Thomas Cavanagh Construction Limited*
Ottawa ON

Database:
CA

Certificate #: 4624-6CPJGJ
Application Year: 2005
Issue Date: 6/13/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: WEST CARLETON TOWNSHIP
RR#5 (CARP RD.) S-WATER MGT. WEST CARLETON TWP. ON

Database:
CA

Certificate #: 3-0439-93-
Application Year: 93
Issue Date: 6/1/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: West Carleton Sand & Gravel Inc.
Rothbourne Road. Ottawa ON

Database:
CONV

File No: 102002
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Location:
Region:
Ministry District:

West Carleton Sand & Gravel Inc. has been fined \$4,000, plus a victim fine surcharge, after pleading guilty to a violation of the Environmental Protection Act (EPA). West Carleton Sand & Gravel Inc. owns a hot mix asphalt plant in Ottawa on Rothbourne Road. The company has a Certificate of Approval (C of A) for the operation. The Court heard that on September 15, 2004, a routine ministry inspection of the asphalt plant revealed that the company had installed a dual fuel burner that burned both natural gas and oil as fuel for the plant. The plant's C of A was based on the use of an oil burner only. West Carleton was instructed to apply to the ministry for an amendment to its C of A. However, a follow-up inspection conducted by the ministry revealed that the dual fuel burner was still in use, and that the company had not applied for an amendment to its C of A. Following an investigation conducted by the ministry's Investigations and Enforcement Branch, charges were laid. West Carleton Sand & Gravel pleaded guilty to one count of altering plant equipment in a way that could cause the discharge of a contaminant into the natural environment, without a C of A, contrary to section 9(1)(a) of the EPA. The company was fined \$4,000.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 9(1)(a)
Act/Regulation/Section: EPA- -9(1)(a)
Date of Offence:
Date of Conviction:
Date Charged: 7/13/2006
Charge Disposition: Fine, victim fine surcharge
Fine: \$4,000
Synopsis:

Site: *Thomas Cavanagh Construction Limited
ON*

Database:
EBR

EBR Registry No: IT00E0030
Ministry Ref No: 00-055
Notice Type: Instrument Decision
Notice Stage: 800476129
Notice Date: April 19, 2000
Proposal Date: March 15, 2000
Year: 2000

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

Instrument Type:
Off Instrument Name:

Posted By:
Company Name: Thomas Cavanagh Construction Limited

Site Address:
Location Other:

Proponent Name:
Proponent Address: Lot 8, Concession 5, Goulbourn Twp., Ashton Ontario, K0A 1B0

Comment Period:
URL:

Site Location Details:

Flewellen Road, Goulbourn Twp. Ashton Ontario K0A 1B0 27 pit and quarry locations throughout 11 townships: Lot N ç 20 Con 5, Beckwith Lot 16 Con 2, Beckwith Lot 25 Con 7, Beckwith Lot S ç 24 Con 8, Beckwith Lot E ç 3 Con 6, Dalhousie Lot 11 Con 8, Goulbourn Lot E ç 12 Con 10, Goulbourn Lot 6 Con 1, Goulbourn Lot E ç 13, 14 Con 7, Lanark Pt Lot 23 & 24 Con 4, McNab Pt Lot 22 Con 9, McNab Lot 26 & 27 Con 9, Pakenham Lot W ç 10 Con 2, Ramsay Pt Lot 14 & 15 Con 11, Huntley E Pt Lot 21 Con 8, Huntley Pt Lot 13 Con 8, Huntley W Lot ç 4 Con 5, Fitzroy Pt Lot 22 Con 4, Fitzroy Lot 26 Con 11, Beckwith Pt Lots 4,5,6 con 5 & 6, Lanark W Lot ç 4 Con 5, Lanark Lot 23 Con 8, Goulbourn Pt Lot 13 Con 11 &12, Drummond Pt Lot 5 Con 8, Dalhousie Lot 27 Con 2, Dalhousie Lot 1 Con 2, Lavant Pt Lot 13, 14 Con 3, Lavant GOULBOURN

Site: *Thomas Cavanagh Construction Limited
Ottawa ON K0A 1B0*

Database:
ECA

Approval No: 7749-8ZJSTU
Approval Date: 2012-11-09
Status: Approved
Record Type: ECA
Link Source: IDS

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

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8951-8Z5PSL-14.pdf>

Site: *Thomas Cavanagh Construction Limited
Ottawa ON K0A 1B0*

Database:
ECA

Approval No: 3467-9AYP63
Approval Date: 2013-08-30
Status: Approved
Record Type: ECA
Link Source: IDS

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

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0772-98NN9V-14.pdf>

Site: *Thomas Cavanagh Construction Limited
Former Geographic Township of Goulbourn, now in the amalgamated City of Ottawa Ottawa ON*

Database:
ECA

Approval No: 9116-8UEU7L **MOE District:**

Approval Date: 5/25/2012
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Address:
Full Address:
Full PDF Link:

City: Ottawa
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **Thomas Cavanagh Construction Limited**
ON

Database:
PTTW

EBR Registry No: 010-5806
Ministry Ref No: 7423-7NPJQN
Notice Type: Instrument Final Decision
Notice Stage:
Notice Date: August 25, 2009
Proposal Date: January 30, 2009
Year: 2009
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Thomas Cavanagh Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

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

Site Location Details:

Henderson Quarry Address: Lot: 13, Concession: 11, Geographic Town of Goulbourn, Ottawa, City District Office: Ottawa GeoReference: Map Datum: Unknown, Zone: 18, Accuracy Estimate: 10 -100 metres eg. Topographic Map, Method: Map, UTM Easting: 422063, UTM Northing: 5008627 CITY OF OTTAWA GOULBOURN

Site: **Thomas Cavanagh Construction Limited**
Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City
CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 011-8982
Ministry Ref No: 0555-96NLGZ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 18, 2013
Proposal Date: April 29, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Thomas Cavanagh Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 9094 Hwy 7 Highway, Rural Route Delivery 2, Ashton Ontario, Canada K0A 1B0
Comment Period:
URL:

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

Site Location Details:

Rothbourne Rd (Lot 1 21 Concession 3 12 - approximately 760m southwest of Carp Road Ottawa), Ottawa, City CITY OF OTTAWA

Site: Carp Road (between Hazeldean and Stittsville Main), Stittsville Ottawa ON **Database:** SPL

Ref No: 4602-9PMMJY **Discharger Report:**
Site No: NA **Material Group:**
Incident Dt: 2014/10/06 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: Unknown / N/A **Sector Type:** Sewer (Private or Municipal)
Incident Event: **Agency Involved:**
Contaminant Code: 15 **Nearest Watercourse:**
Contaminant Name: MOTOR OIL **Site Address:** Carp Road (between Hazeldean and Stittsville Main), Stittsville

Contaminant Limit 1: **Site District Office:**
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: Not Anticipated **Site Municipality:** Ottawa
Nature of Impact: Other Impact(s) **Site Lot:**
Receiving Medium: **Site Conc:**
Receiving Env: **Northing:**
MOE Response: No Field Response **Easting:**
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 2014/10/06 **Site Map Datum:**
Dt Document Closed: 2014/11/03 **SAC Action Class:** Land Spills
Incident Reason: Unknown / N/A **Source Type:**
Site Name: Sanitary sewer<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Stittsville, motor oil in sewer, city investigating source
Contaminant Qty: 0 other - see incident description

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: TRANSCANADA PIPELINES LOT 23,CONC 12,AT CODY CREEK BRIDGE. MOTOR VEHICLE (OPERATING FLUID) WEST CARLETON TOWNSHIP ON **Database:** SPL

Ref No: 143410 **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 7/11/1997 **Health/Env Conseq:**

Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1997
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20613
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

TRANSCANADA PIPELINES-83L DIESEL TO GRND & BRIDGE,CONTAINED,CLEANED-UP.

Site: **TRANSPORT TRUCK**
CARP RD MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K2S 1B9

Database:
SPL

Ref No: 194415
Site No:
Incident Dt: 2/6/2001
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/6/2001
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

TRANSPORT TRUCK,CDN WASTE SERVICES 170L DIESEL TO GRND. CONTAINED CLEANED

Site: **Thomas Cavanagh Construction Limited**
Ottawa ON

Database:
SPL

Ref No: 5552-8XKTLB
Site No:
Incident Dt: 27-AUG-12
Year:
Incident Cause:
Incident Event:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa

Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 27-AUG-12
Dt Document Closed:
Incident Reason:
Site Name: The Queensway between Hwy 7 and Eagleson Rd<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Cabanah Const'n, 50 L hydraulic oil to The Queensway, cont'd
Contaminant Qty: 50 L

Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

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

Database:
 SPL

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

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

Site: Taggart Construction Limited
 Maple Grove Rd Ottawa ON

Database:
 SPL

Ref No: 3642-AGCRUN
Site No: NA
Incident Dt: 2016/12/01
Year:
Incident Cause:
Incident Event: Other
Contaminant Code: 43
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Surface Water
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/12/05
Dt Document Closed:
Incident Reason: Weather Conditions

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse: Maple Grove Rd
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5016168
Easting: 428634
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site Name: Pool Creek<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Taggart Construction - Sediment to Poole Creek
Contaminant Qty:

Site: **Thomas Cavanagh Construction Limited**
Ottawa ON

Database:
SPL

Ref No: 8581-ALQMUR
Site No:
Incident Dt: 4/24/2017
Year:
Incident Cause:
Incident Event: Other
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/24/2017
Dt Document Closed:
Incident Reason: Equipment Failure
Site Name: Light Rail Project, Merton Street Entrance<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Thomas Cavanagh Cnst: 2L hydraulic oil to grnd, no CBs, contained
Contaminant Qty: 2 L

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment Corporation
Client Type: Corporation
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type: Other

Site: **TRANSCANADA PIPELINES**
WEST BRANCH OF CODY CREEK, LOT 23, CONC 12 WEST CARLETON TOWNSHIP ON

Database:
SPL

Ref No: 143578
Site No:
Incident Dt: 7/15/1997
Year:
Incident Cause: DYKE FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/15/1997
Dt Document Closed:
Incident Reason: STORM/FLOOD/WIND
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TRANSCANADA PIPELINE - 139 L SAND/SILT/SED TO CODY CREEK, CLEANING UP.
Contaminant Qty:

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

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 Sep 2019

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-Jan 31, 2020

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.

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

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: Jul 31, 2020

Chemical Register:

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

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 - Jun 2020

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-Dec 2019

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-Aug 31, 2020

Delisted Fuel Tanks:

Provincial DELISTED TANK

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: Jul 31, 2020

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 2019

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-Aug 31, 2020

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-Aug 31, 2020

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-Aug 31, 2020

Environmental Effects Monitoring:

Federal **EEM**

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private **EHS**

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jul 31, 2020

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, 2019

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: Jul 31, 2020

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-Apr 2020

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: Jul 31, 2020

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-Jul 31, 2020

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 2017

TSSA Historic Incidents:

Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Jan 2020

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, 2018

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-Mar 31, 2020

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*

<u>National PCB Inventory:</u>	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*		
<u>National Pollutant Release Inventory:</u>	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		
<u>Oil and Gas Wells:</u>	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-May 31, 2020		
<u>Ontario Oil and Gas Wells:</u>	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-Jun 2020		
<u>Inventory of PCB Storage Sites:</u>	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		
<u>Orders:</u>	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-Aug 31, 2020		
<u>Canadian Pulp and Paper:</u>	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		
<u>Parks Canada Fuel Storage Tanks:</u>	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*		
<u>Pesticide Register:</u>	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-Aug 31, 2020		
<u>Pipeline Incidents:</u>	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. The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.		
Government Publication Date: Feb 28, 2017		

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-Aug 31, 2020

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: 1986-2016

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-Jul 2020

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-Jan 31, 2020

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-Nov 2019

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, 2017

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-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

Listing of variiances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variiances 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: Jul 31, 2020

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-Aug 31, 2020

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: Apr 30, 2020

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.

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDIX C – CORRESPONDENCE

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: September 25, 2020 11:29 AM
To: Stefan Holik
Subject: RE: Record for site in Stittsville, Ontario

Hello. Thank you for your request for confirmation of public information.

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

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

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

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.

Kind regards,

Roxana



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: publicinformationsservices@tssa.org

www.tssa.org



From: Stefan Holik <s.holik@mcintoshperry.com>

Sent: September 25, 2020 11:05 AM

To: Public Information Services <publicinformationsservices@tssa.org>

Subject: Record for site in Stittsville, Ontario

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

We are preparing a Phase 1 Environmental Site Assessment (ESA) for a property located in Stittsville, Ontario and are inquiring if you have any records pertaining to the following site;

Civic Address: 1037 Carp Road, Stittsville, Ontario

Legal Description: **PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075 ; GOULBOURN, PIN 044870356**

Thank you,

Stefan Holik

Stefan Holik

Environmental Technician

115 Walgreen Road, Carp, ON K0A 1L0

T. 613.317.6693 | C. 613.266.8604

s.holik@mcintoshperry.com | www.mcintoshperry.com

McINTOSH PERRY

Confidentiality Notice – If this email wasn't intended for you, please return or delete it. Click [here](#) to read all of the legal language around this concept.

We have been informed that a number of our clients have received phishing emails from scammers pretending to be McIntosh Perry. We take information security very seriously and ask that you also be vigilant in order to prevent fraud.

If you have any concerns, please let your contact at McIntosh Perry know or email us at info@mcintoshperry.com



25th Anniversary
member

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

McINTOSH PERRY

September 24th, 2020

Ministry of the Environment and Climate Change
Freedom of Information Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2

Re: Freedom of Information Request (FOI)
Civic Address: 1037 Carp Road, Stittsville, Ontario
Legal Description: PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075; GOULBOURN, PIN 044870356

Dear Sir/Madam,

Please find enclosed a freedom of information request pertaining to the above-noted Site. A credit card payment form for the Freedom of Information Request fee is enclosed. Please mail or fax our office any information regarding this site.

If you have any further questions, please do not hesitate to contact the undersigned.

Yours Truly,



Stefan Holik, Environmental Technician
s.holik@mcintoshperry.com

Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester McIntosh Perry Consulting Engineers 115 Walgreen Road, K0A 1L0 Email address: s.holik@mcintoshperry.com			FOI Request No.	Date Request Received
Telephone/Fax Nos. Tel. (613) 266-8604 Fax			Fee Paid <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC <input type="checkbox"/> CASH <input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Your Project/Reference No. CP-19-0125	Signature/Print /Name of Requester Stefan Holik			
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) Civic Address: 1037 Carp Road, Stittsville, Ontario Legal Description: PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075; GOULBOURN, PIN 044870356				
Present Property Owner(s) and Date(s) of Ownership Unknown				
Previous Property Owner(s) and Date(s) of Ownership Unknown				
Present/Previous Tenant(s), (if applicable) Unknown				
Search Parameters			Specify Year(s) Requested	
<i>Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.</i>				
Environmental concerns (General correspondence, occurrence reports, abatement)			1986-2019	
Orders			1986-2019	
Spills			1986-2019	
Investigations/prosecutions ► Owner AND tenant information must be provided			1986-2019	
Waste Generator number/classes			1986-2019	
Certificates of Approval ► Proponent information must be provided				
1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				1986-2019
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986-2019
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986-2019
waste water - industrial discharges				1986-2019
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986-2019
waste systems - PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste				1986-2019
pesticides - licenses				1986-2019

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

McINTOSH PERRY

September 24th, 2020

Ministry of the Environment and Climate Change
Ottawa District Office
103-2430 Don Reid Drive
Ottawa, ON K1H 1E1

Re: Freedom of Information Request (FOI)

Civic Address: 1037 Carp Road, Stittsville, Ontario

**Legal Description: PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075; GOULBOURN, PIN
044870356**

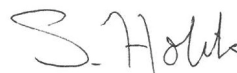
Dear Sir/Madam,

We have been authorized to perform a Phase I Environmental Site Assessment (ESA) for the above-noted property located in Stittsville, Ontario. As part of the ESA we are required to review past environmental occurrences on the subject property. In order to perform this part of the research, we would like to enquire as to whether or not your office has any record of Orders, Approvals or other documentation pertaining to this property.

Thank you in advance for all of your assistance with this request.

If you have any further questions or require further clarification, please do not hesitate to contact the undersigned.

Yours Truly,



Stefan Holik

s.holik@mcintoshperry.com

OCP-19-0125 - Request to MOE for Orders and Approvals.docx

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	_____



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

*Site Address or Location:

* Mandatory Field

Applicant/Agent Information:

Name:

Mailing Address:

Telephone: Email Address:

Registered Property Owner Information:

Same as above

Name:

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description
and PIN:

PT LT 23 CON 12 GOULBOURN PT 3, 5R4714, PT 2, 5R6075 ; GOULBOURN
PIN 044870356

What is the land
currently used for?

Vacant

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

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

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

Planning Fee

\$125.00

Submittal Requirements

The following are required to be submitted with this application:

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

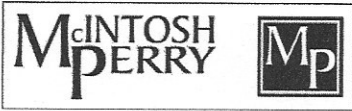
Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 24-Sep-20 
Dated (dd/mm/yyyy): 24/09/2020
Per: Stefan Holik
(Please print name)
Title: Environmental Technician
Company: Mcintosh Perry Consulting Engineers



September 24, 2020

Historic Land Use Inventory (HLUI) Office
City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario
K1P 1J1

Re: Authorization Letter, Historic Land Use Inventory (HLUI Search), 1037 Carp Road, Stittsville, ON

McIntosh Perry has been retained by Bekim Qosa to complete a Phase I Environmental Site Assessment at the property addressed as 1037 Carp Road, Stittsville, Ontario.

With this letter, the property owners authorize the City of Ottawa and other regulatory bodies to release, to McIntosh Perry Consulting Engineers Ltd., information requested for the purpose of completing a Phase I Environmental Site Assessment at the above-noted properties.

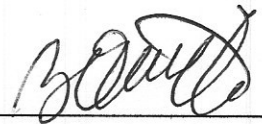
Name of Property Owners:

_____ Bekim Qosa _____

Property Owners Representatives:
(please print)

_____ Bekim Qosa _____

Signature of Property Owner or Representative:

_____  _____

Date:

September 23, 2020 _____

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDIX D – AERIAL PHOTOGRAPHS



0 0.125 0.25 0.5
Kilometers

Order Number: 20292300098

Year: 1932
Source: NAPL
Map Scale: 1: 10000
Comments:

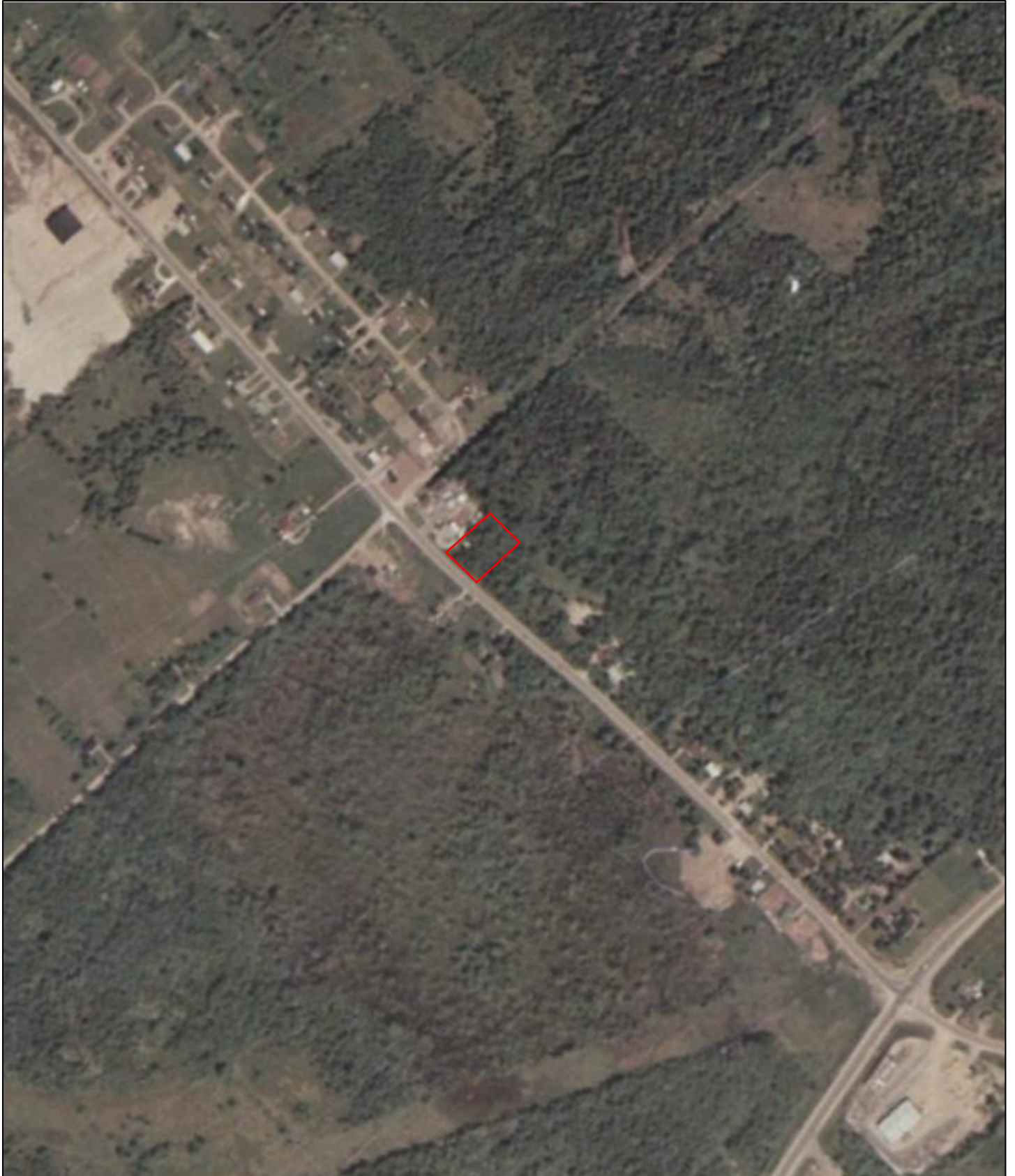


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Kilometers

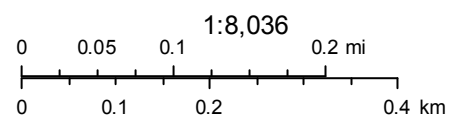
Order Number: 20292300098

Year: 1955
Source: NAPL
Map Scale: 1: 10000
Comments:

1976



September 24, 2020

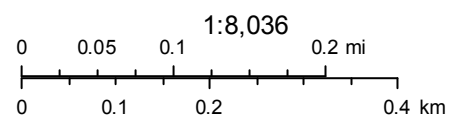


City of Ottawa

1991



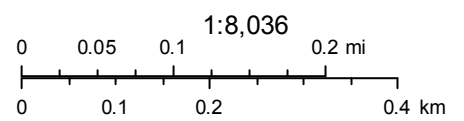
September 24, 2020



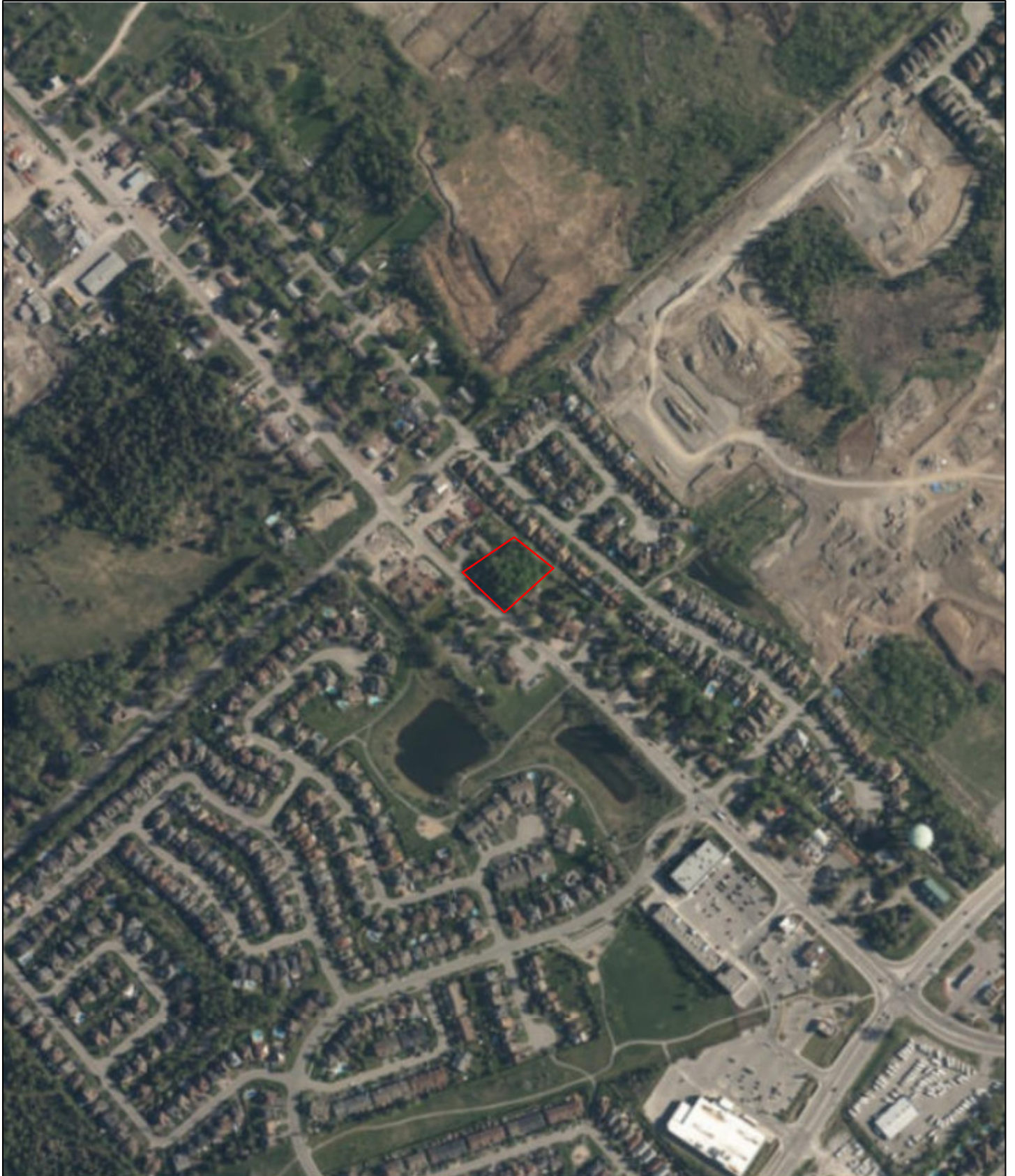
City of Ottawa



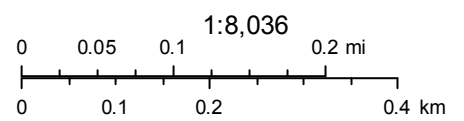
September 24, 2020



2017



September 24, 2020



City of Ottawa

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDX E – INTERVIEW RECORDS

Phase I ESA Interviews

Interviewer (MPCE) Stefan Holik MPCE Project No. _____Interviewee Bekim _____Relationship to Subject Property owner- commercial propertyTime Associated with Property: 2 years

Date _____ Date Property was developed: _____

Potential Item of Concern	Interview Comments
Accidents/Spills	No.
Previous Use of Site	Forested
Adjacent Properties	Residential
Fuel Handling/Storage	None
Maintenance/Operational Areas	None
Hazardous Materials Storage	None
Salt Storage	None

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	None
Odours	None
Potable Water	-
Septic and Wastewater Discharges	-
Pesticides	No
Mould	No
Heating and Cooling Systems	-
Major Mechanical Equipment	-
Waste Oils, Solvents, Batteries	-
PCBs	-
Asbestos	-
Lead Paint	-

Potential Item of Concern	Interview Comments
Ozon Depleting Substances (ODS)	No
Electromagnetic Radiation	No
Urea-formaldehyde foam insulation (UFFI)	No
Mercury	No
Radon Gas	No
Soil and Groundwater Conditions	No
Wells	No
Waste Disposal and Recycling	City eventually
Fill Material	Mulch - from cutting trees
Floor Drains/OWS (discharge locations)	No
Other	No

Future use of property: _____

Exterior Observations

MPCE Project: 1037 Carp Road	
MPCE Personnel: Stefan Adik	
Site: 1037 Carp Road	Area:
Weather: Sunny, light wind, 14°C	
Time of arrival and exit on and off site:	
Property use/occupancy at time of inspection: Vacant	
Topography;	Flat - slight slope from Road to North east end of site
Drainage features and hydrogeological conditions;	No pooled water
Vegetation; (stressed?)	None
Soil/rock;	Crusted rock,
Presence of power lines;	Along Carp Road
Air quality and atmospheric deposition from fuel combustion;	No concerns
Noise;	Road traffic
Septic or wastewater discharges; (details of sewage works)	-
Potable/non-potable water supply;	-
Wells on the property; (well details)	None
Fill (potentially contaminated) on the property, debris;	None
Waste disposal areas (solid waste, sewage, pits, lagoons);	None
Staining on ground, vegetation, pavement ;	None
Standing structures on the property; (other improvement)	None
Below ground structures ;	None - pass. by utilities None
Above/underground storage tanks;	None

Underground service trenches ;	possible None
Drains, pits, sumps (where do they discharge)	None
Stains and/or corrosion near drains, pits sumps	None
Current and former railway lines ;	None
Potentially contaminating activities ;	None
Unidentified substances	None
Pesticide/fertilizer storage/usage;	None
Water bodies on or near site	-
Land use (and actual and/or potential items of environmental concern) on adjacent properties.	-

PHASE I ENVIRONMENTAL SITE ASSESSMENT 1037 CARP ROAD, STITTSVILLE, ONTARIO



APPENDIX F – SITE PHOTOGRAPHS



Photo 1: General view of the entrance of Site, including a gravel driveway, looking east.



Photo 2: View of crush rock/aggregate observed on-Site.



Photo 3: View of woodchips created by felled trees on Site.



Photo 4: View of powerlines running along Carp Road.



Photo 5: View of a residential property to the west of the Site.



Photo 6: View of residential properties southwest of the Site on the opposite side of Carp Road.